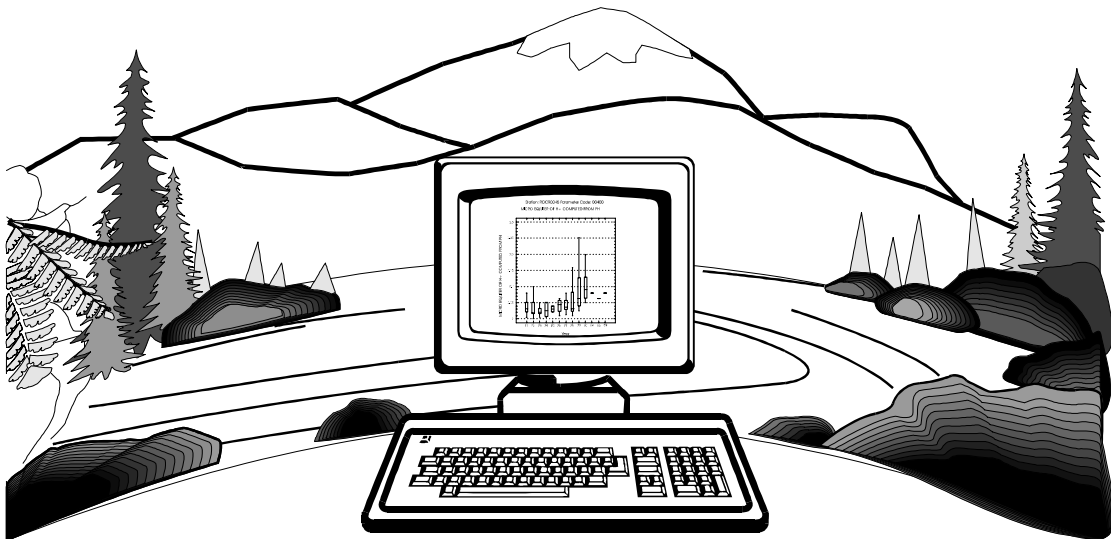

BASELINE WATER QUALITY DATA INVENTORY AND ANALYSIS

Greenbelt Park



WATER RESOURCES DIVISION AND SERVICEWIDE INVENTORY AND MONITORING PROGRAM



National Park Service - Department of the Interior
Fort Collins - Denver - Washington

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BASELINE WATER QUALITY DATA
INVENTORY AND ANALYSIS
GREENBELT PARK

National Park Service
Water Resources Division
Fort Collins, CO 80525

Technical Report NPS/NRWRD/NRTR-99/212

MARCH 1999

United States Department of the Interior
National Park Service
Washington, D.C.

EXECUTIVE SUMMARY

This document presents the results of surface-water-quality data retrievals for Greenbelt Park (GREE) from six of the United States Environmental Protection Agency's (EPA) national databases: (1) Storage and Retrieval (STORET) water quality database management system; (2) River Reach File (RF3); (3) Industrial Facilities Discharge (IFD); (4) Drinking Water Supplies (DRINKS); (5) Water Gages (GAGES); and (6) Water Impoundments (DAMS). This document is one product resulting from a cooperative contractual endeavor between the National Park Service's (NPS) Servicewide Inventory and Monitoring Program, the National Park Service's Water Resources Division (WRD), and Horizon Systems Corporation to retrieve, format, and analyze surface water quality data for all units of the National Park System containing significant water resources. The primary goal of the project is to provide descriptive water quality information in a manner and format that is both consistent with the goals of the Servicewide Inventory and Monitoring Program and useable by park resource managers. The document provides: (1) a complete inventory of all retrieved water quality parameter data, water quality stations, and the entities responsible for the data collection; (2) descriptive statistics and appropriate graphical plots of water quality data characterizing period of record, annual, and seasonal central tendencies and trends; (3) a comparison of the park's water quality data to relevant EPA and WRD water quality screening criteria; and (4) an Inventory Data Evaluation and Analysis (IDEA) to determine what Servicewide Inventory and Monitoring Program "Level I" water quality parameters have been measured within the study area. Accompanying the report are disks containing digital copies of all data used in the report, as well as all components of the report (tables, figures, etc.).

The results of the retrievals for the study area from the IFD, DRINKS, GAGES, and DAMS databases located 13 industrial/municipal dischargers; one drinking water intake; two active U. S. Geological Survey (USGS) water gages (including stream and well); and three water impoundments. The results of the STORET retrieval for the study area yielded 31,752 observations for 218 separate parameters collected by NPS, USGS, EPA, Interstate Commission on the Potomac River Basin, Maryland Department of Natural Resources (MDNR), and Montgomery County Division of Environmental Planning (MDEP) at 54 monitoring stations from 1959 through 1994. Approximately 60 percent of the 31,752 observations within the study area were collected by the MDEP from 1970 through 1991. Of the 54 monitoring stations, 11 stations monitored by the NPS from 1981 through 1984, were located within the park boundary (see Station Period of Record Tabulation). Eight of the 54 monitoring stations contained data locked by the MDNR[†] and EPA^{††}. These locked data are not included in the 31,752 total observations retrieved from STORET for the GREE study area.

Several of the monitoring stations represent either one-time or intensive single-year sampling efforts by the collecting agencies. Thirty-five stations within the study area (six within the park boundary) yielded longer-term records consisting of multiple observations for several important water quality parameters (see Station Period of Record Tabulation). The stations yielding the longer-term records within the park boundary are: (1) Still Creek at Goodluck Road and Kenilworth Avenue (GREE 0008); (2) Still Creek at west side of Park Central Road (GREE 0015); (3) North Branch Still Creek next to propane tank (GREE 0022); (4) Still Creek at west side of Nashville Road (GREE 0013); (5) North Branch Still Creek west of Park Entrance (GREE 0024); and (6) North Branch Still Creek west of Park Central Road (GREE 0021). The stations yielding the longest-term records within the study area, but outside of the park boundary, are: (1) Paint Branch at Powder Mill Road (GREE 0034); (2) Paint Branch at Fairland Road (GREE 0053); (3) Northeast Branch Anacostia River at Riverdale (GREE 0006); (4) Paint Branch 2150 feet upstream from Prince George's County Line (GREE 0038); (5) Tributary to Little Paint at

[†]When data are entered into STORET and locked by the controlling agency (MDNR), results of a STORET retrieval are limited to general station information and any "unlocked" portions of the data. Additional data must be obtained by contacting the controlling agency (MDNR).

^{††}The stations stored under the agency codes "11TRAIN" and "EXAMPLE" were used by the EPA for testing STORET data processing procedures.

Bexley Terrace (GREE 0050); (6) Tributary to Little Paint at Pretoria Drive (GREE 0047); and (7) Unknown Tributary along Marlow Road (GREE 0052)^{†††}.

Screening criteria consisting of published EPA water-quality criteria and instantaneous concentration values selected by the WRD were used to identify potential water quality problems within the study area. While the criteria represent important threshold concentrations of pollutants, it is important to remember that criteria may have been exceeded due to any number of natural or anthropogenic factors, including errors in field, laboratory, and/or recording procedures. The reader is advised to read the Introduction for additional caveats in interpreting the exceeded criteria in this report. The results of the GREE water quality criteria screen found 16 groups of parameters that exceeded screening criteria at least once within the study area. Dissolved oxygen, pH, chlorine, cadmium, copper, lead, mercury, silver, and zinc exceeded their respective EPA criteria for the protection of freshwater aquatic life. Nitrate, nitrite plus nitrate, cadmium, chromium, lead, mercury, and nickel exceeded their respective EPA drinking water criteria. Fecal-indicator bacteria concentrations (total coliform and fecal coliform) and turbidity exceeded the WRD screening limits for freshwater bathing and aquatic life, respectively.

Dissolved oxygen concentrations were measured 2,520 times at 38 monitoring stations from 1969 through 1994. Of the 2,516 observations used in the criteria analysis (see Remark Code Screen in the Methodology for explanation), 13 observations at four monitoring stations, tributaries to Little Paint Branch near Fairland Landfill (GREE 0048, GREE 0051), Beaverdam Creek at U.S. Department of Agriculture Research Center near Beltsville (GREE 0033), and Patux Tributary below Burtonsville Elementary School (GREE 0054), were less than or equal to the 4 milligrams per liter (mg/L) EPA criterion for the protection of freshwater aquatic life from 1972 through 1980.

The pH was measured 3,446 times at 37 monitoring stations from 1963 through 1994. Of the 3,443 observations used in the criteria analysis (see Remark Code Screen in the Methodology for explanation), 669 observations at 35 monitoring stations were outside the pH range of 6.5 to 9.0 standard units (SU) (EPA chronic criteria for freshwater aquatic life) from 1963 through 1993. Thirty-one observations were greater than or equal to pH 9.0 and 638 observations were less than or equal to pH 6.5. The highest pH of 10.62 SU was reported in Paint Branch at the Powder Mill Road Bridge (GREE 0035) in October 1977. The lowest pH of 3.46 SU was reported in Beaverdam Creek at the Ardmore Ardwick Road Bridge (GREE 0001) in January 1975.

Turbidity was measured 538 times at 24 monitoring stations from 1970 through 1984. One-hundred-eleven concentrations at 18 monitoring stations exceeded the WRD screening criterion of 50 Jackson Candle/Formazin/Nephelometric Turbidity Units (JTU/FTU/NTU) from 1970 through 1984. The highest concentration of 820 NTU was reported within the park in North Branch Still Creek west of the park entrance (GREE 0024) in March 1984.

Total coliform concentrations were measured 1,922 times at 26 monitoring stations from 1970 through 1990. Of the 1,915 observations used in the criteria analysis (see Remark Code Screen in the Methodology and EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 1,387 concentrations at 26 monitoring stations exceeded the WRD bathing water screening criterion of 1,000 Colony Forming Units/Most Probable Number per 100 milliliters (CFU/MPN/100 ml) from 1970 through 1990. The highest concentration of at least 2,400,000 CFU/100 ml was reported in Brier Ditch near Riverdale (GREE 0007) in September 1977. Three concentrations of 2,400,000 CFU/MPN/100 ml were reported at three stations, in Brier Ditch near Riverdale (GREE 0007), Northeast Branch at the Calvert Road Bridge (GREE 0010), and Little Paint Branch north of College Park (GREE 0018), from 1974 through 1977. Fecal coliform concentrations were measured 2,450 times at 38 monitoring stations from 1969 through 1990. Of the 2,363 observations used in the criteria analysis (see Remark Code Screen in the Methodology and EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 1,522 concentrations at 38 monitoring stations equaled or exceeded the WRD bathing water screening criterion of 200 CFU/MPN/100 ml from 1969

^{†††}Water quality station location descriptions are verbatim from STORET. Any misspellings and abbreviations in STORET are replicated in this document.

through 1990. The highest concentration of at least 2,400,000 MPN/100 ml was reported two times at two stations, Northeast Branch at the Calvert Road Bridge (GREE 0010) and Beaverdam Creek at U.S. Department of Agriculture Research Center near Beltsville (GREE 0030), in August 1975. One concentration of 2,400,000 MPN/100 ml was reported in Little Paint Branch north of College Park (GREE 0018) in July 1974.

Total residual chlorine concentrations were measured five times in Beaverdam Creek at the Ardmore Ardwick Road Bridge (GREE 0001) during 1974 and 1975. All five concentrations, ranging from 3.5 mg/L to 4 mg/L, exceeded the acute freshwater criterion of 0.019 mg/L.

Nitrate concentrations (including dissolved and total as N and dissolved as NO₃) were measured 227 times at seven monitoring stations from 1963 through 1990. Two total nitrate as N concentrations, 11 mg/L and 12 mg/L in Beaverdam Creek at the Ardmore Ardwick Road Bridge (GREE 0001), exceeded the drinking water criterion of 10 mg/L for nitrate as N in January 1975.

Nitrite plus nitrate concentrations (including dissolved and total) were measured 895 times at 16 monitoring stations from 1970 through 1994. One total concentration of 18.4 mg/L in Paint Branch upstream from Prince George's County Line near the U.S. Naval Ordnance Laboratory (GREE 0038) exceeded the drinking water criterion of 10 mg/L in December 1972.

Cadmium concentrations (including dissolved and total) were measured 364 times at nine monitoring stations from 1972 through 1987. Of the 272 observations used in the criteria analysis (see Remark Code Screen in the Methodology and EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 20 concentrations at six monitoring stations, Paint Branch (GREE 0034, GREE 0043) and tributaries to Little Paint Branch near Fairland Landfill (GREE 0047, GREE 0049, GREE 0050, GREE 0052), exceeded the acute freshwater criterion of 3.9 micrograms per liter (µg/L) from 1975 through 1985. Seventeen of these 20 concentrations also equaled or exceeded the drinking water criterion of 5 µg/L from 1975 through 1985. Approximately 73 percent of the concentrations exceeding the criteria were reported from the two stations in Paint Branch (GREE 0034, GREE 0043) from 1981 through 1985, including the highest concentration of 40 µg/L at the Old Columbia Road Bridge (GREE 0043) in February 1984.

Chromium concentrations (including dissolved, total, and hexavalent) were measured 173 times at seven monitoring stations from 1972 through 1984. Of the 172 observations used in the criteria analysis (see Remark Code Screen in the Methodology for explanation), three total concentrations, ranging from 100 µg/L to 460 µg/L at three monitoring stations, tributaries to Little Paint Branch near Fairland Landfill (GREE 0047, GREE 0050) and Northeast Branch Anacostia River at Riverdale (GREE 0006), equaled or exceeded the drinking water criterion of 100 µg/L during 1973 and 1977. The highest concentration of 460 µg/L was reported in a tributary to Little Paint Branch near the southeast corner of Fairland Landfill (GREE 0047) in March 1977.

Copper concentrations (including dissolved and total) were measured 302 times at nine monitoring stations from 1972 through 1987. Of the 301 observations used in the criteria analysis (see Remark Code Screen in the Methodology for explanation), 23 total concentrations at seven monitoring stations, tributaries to Little Paint Branch near Fairland Landfill (GREE 0047, GREE 0048, GREE 0049, GREE 0050, GREE 0052) and Paint Branch (GREE 0034, GREE 0043), equaled or exceeded the acute freshwater criterion of 18 µg/L from 1974 through 1985. Nineteen of these 23 concentrations were reported at the five stations in tributaries to Little Paint Branch near Fairland Landfill (GREE 0047, GREE 0048, GREE 0049, GREE 0050, GREE 0052) from 1974 through 1980, including the highest concentration of 800 µg/L along Marlow Road upstream of Fairland Landfill (GREE 0052) in August 1975.

Lead concentrations (including dissolved and total) were measured 372 times at 11 monitoring stations from 1972 through 1987. Of the 371 observations used in the criteria analysis (see Remark Code Screen in the Methodology for explanation), 29 total concentrations at seven monitoring stations, tributaries to Little Paint Branch near Fairland Landfill (GREE 0047, GREE 0049, GREE 0050, GREE 0052), Paint Branch (GREE 0034, GREE 0043), and Northeast Branch Anacostia River at Riverdale (GREE 0006), equaled or exceeded the drinking water criterion of 15 µg/L from 1973 through 1984. Two of these 29 concentrations, 141 µg/L in Paint Branch at the

Powder Mill Road Bridge (GREE 0034) and 90 µg/L in a tributary to Little Paint Branch along Marlow Road upstream of Fairland Landfill (GREE 0052), also exceeded the acute freshwater criterion of 82 µg/L in July 1984 and December 1975, respectively. Approximately 71 percent of the concentrations exceeding the criteria were reported at the four stations in tributaries to Little Paint Branch near Fairland Landfill (GREE 0047, GREE 0049, GREE 0050, GREE 0052) from 1973 through 1976.

Mercury concentrations including (dissolved and total) were measured 217 times at eight monitoring stations from 1973 through 1984. Four total concentrations, ranging from 2.1 µg/L to 23 µg/L at three monitoring stations in tributaries to Little Paint Branch near Fairland Landfill (GREE 0047, GREE 0049, GREE 0052), exceeded the drinking water criterion of 2 µg/L during 1974 and 1976. Three of these four concentrations also exceeded the acute freshwater criterion of 2.4 µg/L during 1974 and 1976. The highest concentration of 23 µg/L was reported in a tributary to Little Paint Branch near the southeast corner of Fairland Landfill (GREE 0047) in August 1974.

Total nickel concentrations were measured 30 times at six monitoring stations (GREE 0034, GREE 0043, GREE 0047, GREE 0049, GREE 0050, GREE 0052) from 1980 through 1984. Of the 29 observations used in the criteria analysis (see Remark Code Screen in the Methodology for explanation), one concentration of 284 µg/L in Paint Branch at the Powder Mill Road Bridge (GREE 0034) exceeded the drinking water criterion of 100 µg/L in August 1983.

Silver concentrations (including dissolved and total) were measured 231 times at eight monitoring stations from 1973 through 1984. Of the 230 observations used in the criteria analysis (see Remark Code Screen in the Methodology for explanation), ten concentrations at five monitoring stations, tributaries to Little Paint Branch near Fairland Landfill (GREE 0047, GREE 0049, GREE 0050, GREE 0052) and Paint Branch at the Powder Mill Road Bridge (GREE 0034), exceeded the acute freshwater criterion of 4.1 µg/L from 1974 through 1983. Nine of these ten concentrations were reported at the four stations in tributaries to Little Paint Branch near the Fairland Landfill (GREE 0047, GREE 0049, GREE 0050, GREE 0052) from 1974 through 1980, including the highest concentration of 51 µg/L upstream of Fairland Landfill (GREE 0050) in July 1980.

Zinc concentrations (including dissolved and total) were measured 365 times at nine monitoring stations from 1972 through 1987. Of the 364 observations used in the criteria analysis (see Remark Code Screen in the Methodology for explanation), 17 concentrations at six monitoring stations, tributaries to Little Paint Branch near Fairland Landfill (GREE 0047, GREE 0048, GREE 0049, GREE 0050, GREE 0052) and Northeast Branch Anacostia River at Riverdale (GREE 0006), equaled or exceeded the acute freshwater criterion of 120 µg/L from 1973 through 1980. Fifteen of these 17 concentrations were reported at the five stations in tributaries to Little Paint Branch near Fairland Landfill (GREE 0047, GREE 0048, GREE 0049, GREE 0050, GREE 0052) from 1973 through 1980, including the highest concentration of 1,000 µg/L upstream of Fairland Landfill (GREE 0050) in March 1977.

The IDEA conducted for GREE indicates that STORET data exist for all 13 Level I parameter groups in the study area. For the group Chlorophyll, observations were last recorded during 1980. For 11 of the other 12 parameter groups (Alkalinity, pH, Conductivity, Dissolved Oxygen, Water Temperature, Flow, Clarity/Turbidity, Nitrate/Nitrogen, Phosphate/Phosphorus, Bacteria, and Toxic Elements), less than 23 percent of the observations were recorded since 1985. Overall, approximately 7 percent of the observations for Level I parameter groups were recorded since 1985. Data for seven groups (Alkalinity, Conductivity, Flow, Nitrate/Nitrogen, Phosphate/Phosphorus, Chlorophyll, and Sulfates/Total Dissolved Solids/Hardness), were recorded at less than half of the 46 monitoring stations with data. Relative to other parameter groups, data were limited for the groups Chlorophyll and Sulfates/Total Dissolved Solids/Hardness. Results for 17 of the 126 EPA priority toxic pollutants (consisting of inorganic parameters, metals, and pesticides) were retrieved from STORET.

Surface water resources in the GREE study area include the Northeast Branch Anacostia River; Still, Deep, Paint, Little Paint, Beaverdam, and many other intermittent and perennial creeks and branches; Greenbelt, Beaverdam, Artemisia, and numerous other developed lakes and reservoirs; Blue Pond and many other natural lakes and ponds; some springs; and marshes and swamps. The data inventories and analyses contained in this report reveal a shortage of relatively recent observations for many key parameters at stations throughout the study area. Of the 54

monitoring stations in the study area, only five stations (none within the park boundary) reported a total of 2,442 observations to STORET since 1985. Three stations in the northern half of the study area (GREE 0034, GREE 0043, GREE 0053) accounted for approximately 93 percent of the data since 1985. No data have been collected in the park since 1984. Without adequate data it is difficult to make definitive statements regarding recent water quality in the study area; however, from the available data, surface water quality within the study area appears to have been heavily impacted by human activities. Potential anthropogenic sources of contaminants include municipal and industrial wastewater discharges; urban and residential development; landfill operations; stormwater runoff; recreational use; mining and quarrying operations; agricultural activities; and atmospheric deposition.

TABLE OF CONTENTS

<u>EXECUTIVE SUMMARY</u>	v
<u>TABLE OF CONTENTS</u>	xi
I. <u>INTRODUCTION</u>	1
<u>Goal</u>	1
<u>Purpose</u>	1
<u>Objectives</u>	1
<u>Document Overview</u>	2
<u>Caveats</u>	2
<u>Key Personnel</u>	3
II. <u>METHODOLOGY</u>	5
<u>Delineation of Park Study Area</u>	5
<u>Data Sources</u>	5
<u>Data Retrieval and Analysis Procedures</u>	7
<u>Park Unit Databases</u>	8
<u>Screening Methodologies and Procedures</u>	9
<u>STORET Edit Criteria</u>	9
<u>Date Screen</u>	10
<u>Station Type Screen</u>	10
<u>Phase 0 Parameter Screen</u>	11
<u>Phase 1 Parameter Screen</u>	11
<u>Media Type Screen</u>	11
<u>Remark Code Screen</u>	11
<u>Composite Type Screen</u>	13
<u>Phase 2 Parameter Screen</u>	14
<u>Observations/Period of Record Screen</u>	15
<u>Statistical Definitions</u>	17
III. <u>INTERPRETIVE GUIDE TO WATER QUALITY RESULTS</u>	19
<u>Overview</u>	19
<u>Regional Location Map</u>	19
<u>Water Quality Monitoring Locations Map(s)</u>	19
<u>Dischargers, Drinking Intakes, Gages, and Impoundments Map(s)</u>	20
<u>Industrial Facilities Discharges, Drinking Water Intakes, Water Gages, and Water Impoundments Table</u>	20
<u>Representative Mean Annual Hydrograph for Seasonal Analysis</u>	20
<u>Contacts for Agency Codes Retrieved</u>	21
<u>Quantity of Data Retrieved by Agency Code</u>	21
<u>Station Period of Record Tabulation</u>	21
<u>Parameter Period of Record Tabulation</u>	22
<u>Station/Parameter Period of Record Tabulation</u>	22
<u>Station-By-Station Results</u>	22
<u>Station Inventory for Station</u>	23
<u>Parameter Inventory for Station</u>	23
<u>EPA Water Quality Criteria Analysis for Station</u>	23
<u>Time Series Plots for Station</u>	24
<u>Annual Analysis for Station</u>	25
<u>Annual Box-and-Whiskers Plots for Station</u>	25

	<u>Seasonal Analysis for Station</u>	25
	<u>Seasonal Box-and-Whiskers Plots for Station</u>	26
	<u>EPA Water Quality Criteria Analysis for Entire Park Study Area</u>	26
	<u>NPS Servicewide Inventory and Monitoring Program</u>	
	<u>“Level I” Water Quality Inventory Data Evaluation and Analysis (IDEA)</u>	26
	<u>Water Quality Observations Outside STORET Edit Criteria for Park</u>	28
IV.	<u>WATER QUALITY RESULTS</u>	29
	<u>Overview</u>	31
	<u>Regional Location Map</u>	32
	<u>Water Quality Monitoring Locations Map(s)</u>	33
	<u>Dischargers, Drinking Intakes, Gages, and Impoundments Map(s)</u>	36
	<u>Industrial Facilities Discharges, Drinking Water Intakes, Water Gages, and Water Impoundments Table</u>	37
	<u>Representative Mean Annual Hydrograph for Seasonal Analysis</u>	38
	<u>Contacts for Agency Codes Retrieved</u>	39
	<u>Quantity of Data Retrieved by Agency Code</u>	40
	<u>Station Period of Record Tabulation</u>	41
	<u>Parameter Period of Record Tabulation</u>	42
	<u>Station/Parameter Period of Record Tabulation</u>	46
	<u>Station-By-Station Results</u>	59
	<u>GREE0001 Beaverdam C-Ardmore Ardwick Rd</u>	61
	<u>GREE0002 Decatur Road Bridge, D.C.</u>	66
	<u>GREE0003 Northeast Branch Decatur St.Br</u>	71
	<u>GREE0004 NE Brh Anacostia R at Decatur St.</u>	72
	<u>GREE0005 NE Br Hyatsville E-W Hwy</u>	73
	<u>GREE0006 NE B Anacostia R at Riverdale, Md</u>	77
	<u>GREE0007 Briar Ditch Riverdardale Kenilwr</u>	102
	<u>GREE0008 Still Creek at Goodluck Road And Kenilworth Ave.</u>	106
	<u>GREE0009 Deep Creek .5 Mile Northwest of Wirt Junior High</u>	109
	<u>GREE0010 NE Br Riverdale US Calvert Rd</u>	110
	<u>GREE0011 Deep Creek 1/2 Mile North of Wirt Junior High</u>	114
	<u>GREE0012 Still Run 1/2 Mile North of Lamont School</u>	115
	<u>GREE0013 Still Creek on West Side of Nashville Road</u>	116
	<u>GREE0014 Still Run 3/4 Mile Northwest of Lamont School</u>	119
	<u>GREE0015 Still Creek at West Side of Park Central Road</u>	120
	<u>GREE0016 Still Run 3/4 Mile North of Lamont School</u>	123
	<u>GREE0017 Still Creek on West Side of Kepner Road</u>	124
	<u>GREE0018 L Paint Br Coll Pk US Rt 1</u>	127
	<u>GREE0019 Tributary of Still Creek at Goddard Village</u>	131
	<u>GREE0020 North Branch Still Run South of Greenbelt Road</u>	134
	<u>GREE0021 North Branch Still Creek West of Park Central Rd</u>	135
	<u>GREE0022 North Branch Still Creek Next to Propane Tank</u>	137
	<u>GREE0023 North Branch Still Run Near Greenbelt Road</u>	140
	<u>GREE0024 North Branch Still Creek West of Park Entrance</u>	141
	<u>GREE0025 North Branch Still Creek East of Park Entrance</u>	143
	<u>GREE0026 Indian Ck Greenbelt US Grenblt R</u>	146
	<u>GREE0027 Paint B at College Park, Md</u>	150
	<u>GREE0028 Paint B at Co.</u>	153
	<u>GREE0029 Sligo Creek Near Louis's Jogging Track Bridge</u>	154
	<u>GREE0030 Beaverdam C Ag Rsh Cntr Bltsvill</u>	155
	<u>GREE0031 Indian C Beltsville Sunnyside Av</u>	159
	<u>GREE0032 Sunnyside Ave. Crossing</u>	164
	<u>GREE0033 Beaverdam C Ag Rsch C Beltsville</u>	165

	<u>GREE0034 Paint Branch at Powder Mill Road</u>	170
	<u>GREE0035 Paint Br-Adelphi-Powder Mill Rd</u>	205
	<u>GREE0036 Powder Mill Rd. Crossing</u>	209
	<u>GREE0037 Paint Branch at Nol</u>	210
	<u>GREE0038 Paint Br 2150 Ft Upst Fr Pg Co.</u>	211
	<u>GREE0039 Odell Road Crossing</u>	227
	<u>GREE0040 Indian C Beltsville US Odell Rd</u>	228
	<u>GREE0041 Ammendale Rd. Crossing</u>	232
	<u>GREE0042 L Paint Br Calverton Ds Bltsvill</u>	233
	<u>GREE0043 Paint Branch Below Old Columbia Pike (Above)34E6</u>	237
	<u>GREE0044 1000 Ft. Below Mineral Pigments Outfall</u>	243
	<u>GREE0045 Opposite of Mineral Pigments Co. Across Railroad</u>	244
	<u>GREE0046 Trib to Ltl Paint on Palermo Dr</u>	245
	<u>GREE0047 Trib to Ltl Paint on Pretoria Dr</u>	252
	<u>GREE0048 Dry Ck Bed to Unk Trib to Ltl Pt</u>	260
	<u>GREE0049 Unk Trib Thru Fairland Landfill</u>	264
	<u>GREE0050 Trib to Ltl Paint on Bexley Terr</u>	268
	<u>GREE0051 Unk Trib Thru Fairland Landfill</u>	276
	<u>GREE0052 Unk Trib Along Marlow Road</u>	283
	<u>GREE0053 Paint Branch at Fairland Road</u>	290
	<u>GREE0054 Patux Trib Blw Burtonsville Elem</u>	314
	<u>EPA Water Quality Criteria Analysis for Entire Park Study Area</u>	318
	<u>NPS Servicewide Inventory and Monitoring Program</u>	
	<u>“Level I” Water Quality Inventory Data Evaluation and Analysis (IDEA)</u>	320
	<u>Water Quality Observations Outside STORET Edit Criteria for Park</u>	325
V.	<u>APPENDICES</u>	327
A.	<u>Computer Files Transmitted With Park Baseline Water Quality Data Inventory and Analysis</u>	A-1
B.	<u>Water Quality Database File Structures</u>	B-1
	<u>Parameter Data File</u>	B-1
	<u>Water Quality Station Data File</u>	B-4
	<u>Industrial Facilities Discharges File</u>	B-6
	<u>Drinking Water Intakes File</u>	B-9
	<u>Water Gage File</u>	B-12
	<u>Water Impoundment File</u>	B-14
	<u>RF3 Structure File</u>	B-18
	<u>RF3 Trace File</u>	B-22
	<u>Catalog Unit Boundary File</u>	B-23
	<u>Encyclopedia File</u>	B-24
C.	<u>STORET Water Quality Control/Edit Checking</u>	C-1
D.	<u>STORET Administrative Parameters</u>	D-1
E.	<u>STORET Parameters Not Suitable for Statistical Analysis</u>	E-1
F.	<u>National EPA Water Quality Criteria Summary</u>	F-1
G.	<u>Inventory Data Evaluation and Analysis (IDEA) Servicewide Inventory and Monitoring Program “Level I” Parameter Groups</u>	G-1
H.	<u>Literature Cited</u>	H-1
I.	<u>Selected General Water Quality References</u>	I-1

INTRODUCTION

The National Park Service's (NPS) Organic Act of 1916 states that the mission of the NPS is to promote and regulate the use of national parks, monuments, and other units "... to conserve the scenery and the natural and historic objects and wildlife therein and to provide for the enjoyment of the same in such a manner and by such means as will leave them unimpaired for the enjoyment of future generations." One task embodied by this mission is preserving and protecting water resources and water dependent environments in parks. Ensuring the integrity of park water quality, due to its importance in sustaining natural, aquatic park ecosystems and supporting human consumptive and recreational use, is fundamental to successfully addressing this task. The first step in ensuring the integrity of park water quality is defining historic and extant water quality.

This document represents one product of an ongoing effort by the NPS Water Resources Division (WRD) and the Servicewide Inventory and Monitoring Program to characterize baseline water quality using existing data at park units containing significant natural resources. This effort was initiated in 1993 by the award of a contract to Horizon Systems Corporation to retrieve, format, and analyze surface water quality data from the Environmental Protection Agency's (EPA) Storage and Retrieval (STORET) database system. The scope of work identified in the Request For Proposals outlined several sequential, interrelated project phases, including, but not limited to: (1) determining the water quality retrieval/query area around each park; (2) downloading and assessing the quality of the data from STORET; (3) generating basic water quality summary statistics and graphic plots; (4) reformatting water quality data for compatibility with the park-based Water Quality Data Management System presently under-development; and (5) providing recommendations concerning possible hardware, software, and personnel options for storing combined park databases in a centralized NPS water quality database. This report documents the results of phases one through four of this effort for this park unit.

Goal

The goal of this document is to provide descriptive water quality information in a format usable for park planning purposes (eg. Water Resources Management Plans, Resource Management Plans, and General Management Plans). The report is designed to characterize baseline water quality rather than assess specific water quality problems at a park. This is consistent with the Servicewide Inventory and Monitoring Program's goal of obtaining basic, "Level I", water quality parameters for key waterbodies at each park (National Park Service 1993). Consequently, this report is best used as a reference document to help design new goal-driven water quality monitoring programs rather than as conclusive evidence of previous or existing water quality problems.

Purpose

The purpose of this report is to inventory existing park water quality data; establish baseline water quality at the park; identify potential water quality problems; and establish a park water quality database. This report is intended to enable park resource managers to compare and contrast water quality data collected as part of ongoing inventory and monitoring programs with historical water quality trends. Additionally, this report is intended to foster better designed park-based water quality inventory and monitoring programs in the future. The water quality databases which accompany this report will also lay the groundwork for establishing a NPS water quality database that will allow Regions and Washington Offices to generate regional and national assessments of park water quality.

Objectives

Specific objectives of the study documented in this report are to:

1. Retrieve water quality and related data from the EPA's STORET and other database systems;
2. Develop a complete inventory of all retrieved data;

3. Produce descriptive statistics and appropriate time series and box-and-whiskers plots of water quality data to characterize period of record, annual, and seasonal central tendencies and trends;
4. Compare water quality data with relevant national EPA water quality criteria on a station-by-station and study area basis;
5. Determine the presence and/or absence of the Servicewide Inventory and Monitoring Program's "Level I" water quality parameters within the study area; and
6. Reformat water quality and other related data for use in the park-based Water Quality Data Management System, presently under-development, and other appropriate analytical tools.

Document Overview

This report is comprised of five chapters. The first chapter, this Introduction, provides a brief statement of the study's background; goal, purpose, and objectives; and the key personnel who helped produce the document. This chapter also contains this brief overview of the document's contents and important interpretive caveats to consider when referring to and using this document. The second chapter focuses on the methods, procedures, and databases that were employed to retrieve and analyze water quality data for the park. The third chapter is the user's interpretive guide to chapter four. Chapter three explains how to interpret all the tables and figures presented in chapter four. Chapter four, which likely comprises the majority of the document (unless there isn't much water quality data for the park), contains detailed inventories, descriptive statistics, graphics, and national EPA water quality criteria comparisons characterizing the park unit's water quality data on a station-by-station basis and over the entire study area. This chapter also contains a comparison of park water quality data with the Servicewide Inventory and Monitoring Program's "Level I" water quality inventory parameters and a listing of water quality observations that were outside the STORET edit criteria range. Chapter five, the Appendices, contains more specialized materials such as the file names and database structures included on floppy disk(s) with this report; STORET edit criteria; national EPA water quality criteria; Servicewide Inventory and Monitoring Program's "Level I" water quality inventory parameters; selected water quality references; and other materials which provide background on the methods, procedures, and databases used or produced by this study.

The water quality and other related data referenced in this report accompany the document on floppy disk. The water quality parameter data file is in DBASE III+¹ format and will be useable in the park-based Water Quality Data Management System presently under-development. The water quality stations, industrial facilities discharges, drinking water intakes, water gages, water impoundments, and River Reach databases are also in DBASE III+ and/or ASCII format for ready-use in Geographic Information Systems (GIS), Computer-Aided Design Systems, or Desktop Mapping Systems.

Caveats

While intended primarily as a reference document, it is important that users peruse the first three chapters and Appendices of this report to better understand and interpret the results presented in chapter four. As a means for identifying potential areas for more intensive study, comparisons of the park's water quality data with relevant national EPA water quality criteria for appropriate designated uses² and with the Servicewide Inventory and

¹The use and/or mention of specific proprietary hardware or software packages is for informational purposes only and is not intended to connote or denote an endorsement.

²The Environmental Protection Agency's Quality Criteria for Water 1995 Final Draft (Silver Book) was the primary source of water quality criteria. In the spirit of the other caveats offered in this section, it is important to recognize that water quality criteria are often revised when new or better information become available.

Monitoring Program's "Level I" water quality inventory parameters have been made. Extreme caution must be exercised in interpreting the results of these comparisons. Observations that exceed water quality criteria may have occurred due to any number of natural or anthropogenic factors, as well as other reasons. For example, STORET is a "user-beware" water quality database system. While there is some rudimentary edit (bounds) checking of any data entered in STORET (See Appendix C), users are basically free to enter their own data. Beyond data entry errors, the possibility of inaccurate data entering the system due to inappropriate measurement techniques, sample mistreatment, and other reasons is a serious concern. Consequently, if observations for a particular parameter frequently exceed the EPA water quality criterion over a prolonged time period, the best approach is to examine in detail the data exceeding the criterion. Questions which should be asked regarding the data include: What water source(s) are manifesting the problem? Does the data make sense? Was it collected by a reputable organization following a sound study plan and employing accepted techniques? If the answers to these questions still cause concern, a specific cause and effect water quality investigation focusing on the parameters of concern may be warranted. Similarly, the absence of particular Servicewide Inventory and Monitoring Program "Level I" water quality parameters from the park only means that no entity or organization has collected and entered this data into the EPA's STORET database. Too frequently, data that are collected in and around NPS units never make it into the EPA's national water quality database. These data may exist in published or unpublished reports, file cabinets, or other databases. Before definitively concluding that no baseline data exist for a particular parameter, these alternative resting grounds for data should be investigated. Such a detailed exploration, however, was beyond the scope of this study.

Key Personnel

Many individuals contributed to the design and implementation of this project. The primary contributors and their roles in the project are briefly mentioned below.

National Park Service, Water Resources Division:

Dean Tucker was the Contracting Officer's Technical Representative responsible for designing, coordinating, and implementing all aspects of this effort.

Mike Matz coordinated and managed the team which prepared all components of the report.

Gary Rosenlieb provided administrative oversight and was involved in quality control for all tasks related to this project.

Barry Long and Roy Irwin reviewed technical tasks and provided water quality expertise related to data analysis.

Gary Smillie provided hydrologic expertise in the determination of hydrologic seasons.

Greg Harp and Clint Bassett helped prepare reports and write the Executive Summaries.

Elizabeth Eisenhauer, Dawn Grandbois, Bill Folsom, Dana Griffin, and Scott Ratchford provided digital cartographic support, both in determining retrieval/query areas and producing maps and graphics.

Kelli O'Connor, J. Chris Echohawk, Curtis Cooper, Adam Henson, Shawndra Mawhorter, Lisa Smith, Ryan Shy, Lisa Dummer, Eric Lord, Adriane Petersen, Margaret Matter, Richard Henderson, Ronda Burns, and Aria Brissette uploaded water quality data to STORET prior to report preparation.

Jacque Nolan designed the cover.

Horizon Systems:

Cindy McKay served as Project Manager for Horizon Systems, performed the initial requirements analysis, and was involved in all quality control tasks related to the project.

Alan Cahoon was responsible for automating the procedures which produced the water quality databases and Water Quality Results chapter.

Sue Hanson, P.E., provided technical advice for writing this document.

Dr. Jim Loftis was the data quality analyst for the project.

Armando F. Ballofet, P.E., served as the local technical liaison between Horizon Systems and the NPS.

Other National Park Service:

Several other individuals provided invaluable technical review, comments, administrative support, and/or other assistance, including: Dan Kimball, Bill Jackson, Mark Flora, Gary Williams, John Karish, Brendhan Zubricki, Richard Hammerschlag, Randy Ferrin, Gary Vequist, Mike Martin, Kevin Berghoff, and Dyra Monroe.

METHODOLOGY

This section provides an overview of the procedures and criteria used to retrieve and analyze water quality data for each park unit. Generating baseline water quality data inventories and analyses for all NPS units is a monumental task. To accomplish this undertaking given a very limited budget, the procedures employed to produce each report had to be as generic and automated as possible. Consequently, customization of reports to individual park needs and issues was not feasible. Moreover, such customization was beyond the scope of this effort which was simply intended to produce baseline water quality data inventories for all parks rather than customized issue-driven reports. During the procedure-development stages of the project, specifications for the final product evolved, within the context of the aforementioned resource constraints, to focus on comprehensive water quality baseline data inventories and concise, descriptive statistical examinations of the available water quality data for each park unit. Detailed below are the data sources and final methods and procedures that were used to create the baseline water quality inventories, analyses, databases, and other products for each park unit. A thorough understanding of the limitations of the data sources and procedures described in this chapter and the next (Interpretive Guide to Water Quality Results) is a prerequisite to intelligent use of the results presented in this document.

Delineation of Park Study Area

The first step in retrieving water resources-related data for each park was deciding on a procedure to determine the study area boundary. Since water flows through parks, utilizing the park boundary as a simple query/study area was deemed inadequate. On the other end of the continuum, using the entire watershed as the study area was considered superfluous given: (1) the areal extent of certain park watersheds (eg. the entire Mississippi River); (2) the sheer volume of potentially irrelevant data such a large study area could generate; and (3) the resources required to specify the watershed for each park unit. The approach which was ultimately adopted - a modified hydrologic boundary - reflects a compromise between the park boundary and the entire watershed. Thus the study area employed for each park is an area extending at least three miles upstream and one mile downstream from the park boundary. Although these distances are somewhat arbitrary, this approach is easy to automate and was felt to limit the data retrieved, in most instances, to that of most importance to the park. Extending the query area one mile downstream of the park was intended to capture any data immediately downstream of the park which may reflect the quality of the water in the park. A current (as possible) copy of each park's boundary was obtained in digital format directly from the park or digitized from Regional land status maps, U.S. Geological Survey (USGS) quadrangles, or other sources. Using GIS techniques, the boundary was used to create the three miles upstream, one mile downstream buffer. For a few parks with which WRD water quality specialists were very familiar with potential water quality threats and/or valuable sources of data that may lie just outside the study area, the study area may have been tweaked (enlarged) to cover these areas of concern or interest. Unfortunately, a customized study area was not feasible for all park units. Hence, the three miles upstream, one mile downstream buffer was the primary study area employed for most parks. This study area was transferred to the EPA mainframe computer and used as the basis for all water resources-related data retrievals from the data sources described below.

Data Sources

The EPA maintains many mainframe data systems related to national water resources (U.S. Environmental Protection Agency 1992). Six of these data systems were used for this project:

- STOrage and RETrieval System (STORET) - water quality parameter data, locations of sampling stations, descriptive elements about stations and parameters;
- Industrial Facilities Discharge (IFD) - locations of industrial and municipal point source discharge facilities;

- Drinking Water Supplies (DRINKS) - locations of intake pipes for drinking water supplies;
- Water Gages (GAGES) - locations of USGS and other water gages;
- Water Impoundments (DAMS) - locations of most large water impoundments (greater than 10,000 acre feet at normal pool volume) and many smaller impoundments; and
- River Reach File, Version 3 (RF3) - 1:100,000 scale geographical representation of surface waters (rivers, lakes, etc.) with a unique identifier assigned to each surface water segment and connectivity information useful for routing and navigation.

STORET is the national water quality data repository (U.S. Environmental Protection Agency 1989). Water quality data is entered in STORET by public agencies (federal, state, or local) that collect water samples and/or perform laboratory analysis. As such, STORET is a "user-beware" data system. Although the EPA manages the STORET data system and, since November 1983, has imposed some minimum quality control criteria on the data (See Appendix C), data are generated and input to STORET by the "owner" agencies. Consequently, the EPA does not certify any data within STORET. Currently, there are over 800,000 active and inactive sampling stations and more than 225 million observations covering in excess of 13,000 water quality parameters entered in STORET. The earliest data dates back to the turn of the century. Using the bi-monthly update cycle, user agencies may store results of recent monitoring activities in STORET. Included in STORET is USGS WATSTORE water quality data, which is updated on a monthly basis. Although STORET contains a phenomenal amount of data, it is important to note that data exist in STORET only if the collectors decide to upload their data to the system. Since many agencies and researchers do not upload their data to STORET, the absence of water quality data in the system for a particular area doesn't mean that there has never been any water quality data collected for the area. The data may exist in published or unpublished reports, file cabinets, or in agency-specific databases. Identifying and retrieving these other sources of data were beyond the scope of the present effort. All parameter data and water quality station location data downloaded from STORET within the park's study area are included in DBASE III+ format files on disk(s) accompanying this report (See Appendices A and B).

The data within the IFD database are extracted from the EPA's Permit Compliance System (PCS). IFD contains the facility locations of all industrial and municipal dischargers which require a National Pollutant Discharge Elimination System (NPDES) permit to operate. Over 7,100 municipal, federal, and industrial facilities discharging into the waters of the United States are tracked by PCS and IFD. If any industrial facilities discharges exist within the study area, a file in DBASE III+ format documenting a variety of information about each discharge accompanies this report on disk (See Appendices A and B).

The EPA DRINKS database identifies locations of drinking water supply intakes. This file contains data for 850 supplies which serve more than 25,000 people, and 6,800 supplies which serve between 1,000 and 25,000 people. If any drinking water intakes exist within the study area, a file in DBASE III+ format documenting a variety of information about each intake accompanies this report on disk (See Appendices A and B).

The GAGES data originates primarily with the USGS and copies are maintained on the EPA mainframe computer for ease of integration with other EPA national data systems. Although other agency's water gages, as well as some artificial gages, may appear in GAGES, the vast majority of gages are stream gages belonging to the USGS. The GAGES database contains approximately 36,000 records for both active and inactive gaging stations. If any USGS or other agency stream gages occur within the study area, a file in DBASE III+ format documenting several fields of information about each gage accompanies this report on disk (See Appendices A and B).

The Water Impoundment database was originally compiled by the U.S. Army Corps of Engineers in response to a Congressional inquiry on dam safety hazards (GKY and Associates 1990). The EPA subsequently modified the database for use in water quality investigations. Of the 68,155 dams in the database, 2,125 are considered large (impounding 10,000 acre feet or more at normal pool volume). It is important to note that while the database includes entries for 66,030 smaller dams, estimates place the actual number of dams in the U.S. at several million

(including small farm ponds). If any water impoundments occur within the study area, a file in DBASE III+ format documenting several fields of information about each impoundment accompanies this report on disk (See Appendices A and B).

The RF3 data system is a hydrologic database of surface water features across the U.S. (excluding, at present, Idaho, Oregon and Washington, which currently operate a different system - although this data is expected to be converted to RF3 soon, Alaska and Hawaii). RF3 was created primarily from 1:100,000 scale USGS Digital Line Graph data. RF3 is made up of over 3,000,000 individual "reaches". A reach is generally defined as a portion of surface water between two confluences (U.S. Environmental Protection Agency 1993). The linework underlying RF3 contains over 95,000,000 coordinate points. RF3 is designed to facilitate hydrologic routing, identifying upstream and downstream elements, and specifying the exact location of any point on a stream network. RF3 data exists as a series of traces with associated attributes. The EPA project which is producing RF3 is being conducted in three phases: Compilation, Assessment, and Revision. The Compilation phase is complete except for Idaho, Washington, Oregon, and Alaska. The Assessment phase was completed during the first half of 1994; while the Revision phase was begun in March 1994. One important outcome of the Revision phase is that the reach codes which uniquely identify each surface water feature will change. Consequently, these codes should not be used, at this time, as keys for relating other data to RF3. The RF3 data provided with this document is provisional and should be used only to provide a geographic backdrop for the park's water quality data. RF3 data covering each USGS catalog unit (a geographic area representing a single or multiple drainage basin(s), or some other distinct hydrologic feature (U.S. Geological Survey 1982)) touched by the park's study area is included in ASCII export and DBASE III+ formats on the disk(s) accompanying this report (See Appendices A and B).

For additional information on any of these data systems, contact the EPA Office of Water at (202) 260-7028.

Data Retrieval and Analysis Procedures

The six EPA data systems discussed above reside on the EPA mainframe computer located in Research Triangle Park, N.C. Horizon Systems used a dedicated, leased telephone line with a data transfer rate of 9600 bits per second to download data occurring within the park's study area from all the databases. The bisynchronous communication software and hardware provided error checking during all data transfer procedures.

As described above, the park study/query area boundary was used to select the water quality stations, industrial facilities discharges, drinking water intakes, water gages, water impoundments, and river reaches associated with the park unit. For various reasons, screening criteria (described later in this section) were employed to select appropriate water quality stations, parameters, and observations. Horizon Systems wrote several mainframe programs to automate, to the greatest extent feasible, the STORET data retrieval and storage procedures. Once the data were extracted from the EPA data systems, they were downloaded to a microcomputer for statistical analyses and reformatted into DBASE III+ compatible format.

Specifically, once on the PC, the data were processed to:

- (1) Reformat the data into DBASE III+ format and other database structures;
- (2) Eliminate questionable data outside the STORET edit criteria ranges (See Appendix C);
- (3) Display on a map the location of water quality monitoring stations and other water resources themes;
- (4) Determine the frequency of water quality observations by station, parameter, and station/parameter;
- (5) Generate descriptive period-of-record water quality statistics in a tabular format;
- (6) Generate appropriate descriptive annual and seasonal analyses of the water quality data in a tabular format;
- (7) Plot appropriate period of record time series and annual and seasonal box-and-whisker graphs;
- (8) Compare the water quality data against relevant EPA national criteria; and

- (9) Compare the water quality data against the NPS Servicewide Inventory and Monitoring Program's "Level I" water quality parameters.

Special customized microcomputer programs (primarily written in Clipper and Microsoft Professional BASIC) and procedures were created to address each of these tasks. All reformatted database files are included on disk(s) accompanying this document. The contents of these databases are described briefly below. Complete database structures are included in Appendices A and B. The descriptive water quality tabular statistics (see "Statistical Analyses" below) were computed based upon NPS specifications. Command or batch files were generated to drive STATGRAPHICS 7.0 in order to produce all the time series and box-and-whiskers plots.

Park Unit Databases

Up to seven digital databases in DBASE III+ and other formats have been created for the park by querying the water resources-related data sources described above. The disk(s) containing these databases accompany the report. The contents of each of these databases are discussed briefly below. More detailed documentation of these databases is included in Appendices A and B.

- (A) Water Quality Parameter Data: This database includes all the water quality parameter data downloaded from STORET that passed the STORET Edit Criteria, Date, Station Type, and Phase 0 Parameter screens (described below) and is summarized tabularly and graphically in this document. This constitutes the park's baseline water quality data. Since it is already in digital format, more sophisticated analysis of the data is possible than the descriptive statistics and graphics presented here.
- (B) Water Quality Station Locations: This database consists of the STORET header information describing each station where water quality data was collected. As the latitude and longitude of the station are included in the database, this file is easily imported into the park's GIS.
- (C) Industrial Facility Discharge Locations: This database includes any industrial or municipal point source discharges located within the park's study area. As the latitude and longitude of each discharge facility are included in the database, this file is easily imported into the park's GIS.
- (D) Drinking Water Intake Locations: This database includes any drinking water intakes located within the park's study area. As the latitude and longitude of each intake are included in the database, this file is easily imported into the park's GIS.
- (E) Water Gage Locations: This database includes water (stream, lake, estuary, well, spring, climate, or other) gages located within the park's study area. Most of the gages will likely be stream gages belonging to the USGS. As the latitude and longitude of each gage are included in the database, this file is easily imported into the park's GIS.
- (F) Water Impoundment Locations: This database includes any water impoundments (dams) located within the park's study area. As the latitude and longitude of each impoundment are included in the database, this file is easily imported into the park's GIS.
- (G) River Reach Data: This database includes all stream traces (1:100,000 scale) and attributes for reaches falling within any USGS catalog unit that touches the park's study area. The traces are geo-referenced in ASCII format. The attributes are in both ASCII export and DBASE III+ formats. This information is also readily incorporated into the park's GIS.

The absence of any of these seven files from the disk(s) accompanying the report indicates that there was either no data of this type within the park's study area or the data was unavailable. Several other files are included on the disk(s) accompanying this report, including digital copies of all the figures and tables contained in the document and some other items. Refer to Appendices A and B for detailed documentation of these files. Not included on

disk is an Encyclopedia File (for WRD reference) that documents the minimum and maximum values for each water quality parameter and the parks in which those values were recorded. When Baseline Water Quality Data Inventory and Analysis reports have been completed for all parks, this Encyclopedia File will be available upon request from the NPS WRD.

Screening Methodologies and Procedures

Developing automated or semi-automated procedures to produce baseline water quality inventories and analyses for all national park units required constant testing and debugging of procedures. Three parks, Rock Creek Park, Yellowstone National Park, and Indiana Dunes National Lakeshore, were used to pilot test and refine the automated procedures. It became evident, after a preliminary analysis of all the downloaded STORET data, especially for Indiana Dunes National Lakeshore, that the specifications for the graphical analyses could generate hundreds (possibly thousands) of plots, many of which would not necessarily be useful. Also, there were many stations; parameters; and/or observations downloaded that were not part of the study's objectives; not overly useful; or of dubious quality. In order to reduce the number of graphical plots (time series, annual and seasonal box-and-whiskers) to fit within project resources, various screening criteria were investigated. Ultimately, a comprehensive set of screening criteria were developed to reduce the number of graphical plots. After initial counts of the total number of possible time series and annual and seasonal box-and-whiskers plots were generated, these counts were used to decide which screening criteria would be applied to limit the number of these plots produced for the park unit. Additional screening criteria were employed to restrict the tabular descriptive statistics results to only those deemed useful to the park. Table A provides the categories of screening criteria and to which analyses the screens were applied. A "yes" entry in the table means that the screening category eliminated or prevented data from appearing in certain tables and plots contained in the document. Consequently, in understanding how data from STORET was used in this report, it may be helpful to keep in mind the three general types of screening criteria: (1) screens that apply to stations; (2) screens that apply to certain parameters at stations; and/or (3) screens that apply only to particular observations of parameters at stations. A detailed description of each of the screening criteria categories follows this table. *It is important to note that statistics in "Inventory" reports may not be consistent with statistics in "Overview" reports since different categories of screening criteria were applied.* Also, if attempting to replicate the results of the statistical and graphical analyses presented in this document, be sure to follow the same screening methodologies.

STORET Edit Criteria

As mentioned previously, STORET is a "user-beware" data system. As the EPA doesn't certify any data in STORET, public agencies enter and are responsible for the quality of their own data. Only data entered since November 1983 have been subjected to any rudimentary edit/bounds checking. Agencies entering data since this date can elect to override the edit/bounds checking for individual observations. USGS WATSTORE water quality data is entered into STORET without any EPA edit/bounds checking to ensure data integrity between WATSTORE and STORET. Unfortunately, during the course of our pilot tests, erroneous USGS and EPA water quality data values were discovered. In order to eliminate as much "bad" data as possible, all water quality data downloaded from STORET was subjected to automatic edit/bounds checking (STORET Edit Criteria contained in Appendix C) for the 190 most common parameters. Observations falling outside the STORET Edit Criteria were documented (See the Water Quality Observations Outside STORET Edit Criteria for Park section in the Water Quality Results chapter) and then retained or discarded from the database and all tables and plots based on whether the value was judged as being in the realm of possibility. Although the STORET Edit Criteria screen likely removed some "bad" data for these common parameters, the probability of other erroneous data in the database is high. Be sure to consult the Caveat section in the Introduction.

Table A. Categories of Screening Criteria and to Which Output Products They Apply (A "yes" Entry Means the Screening Category Eliminated or Prevented Data From Being Used in the Product):							
Screening Category	Data Download	Overview Tables	Inventory Tables	Annual Tables	Seasonal Tables	Standards Tables	Plots (All)
STORET Edit Criteria	yes	yes	yes	yes	yes	yes	yes
Date	yes	yes	yes	yes	yes	yes	yes
Station Type	yes	yes	yes	yes	yes	yes	yes
Phase 0 Parameter	yes	yes	yes	yes	yes	yes	yes
Phase 1 Parameter	no	no	yes	yes	yes	yes	yes
Media Type	no	no	yes	yes	yes	yes	yes
Remark Codes	no	no	yes	yes	yes	yes	yes
Composite Type	no	no	yes	yes	yes	yes	yes
Phase 2 Parameter	no	no	no	no	no	no	yes
Observations/Period of Record	no	no	no	yes	yes	no	yes

Date Screen

Every water quality observation in STORET typically has a sampling date associated with it. Unfortunately, STORET does not prevent users from entering incorrect dates. Consequently, any water quality observation with an incorrect and/or suspect date (eg. a month greater than 12; a day greater than 31; or a sample date later than the STORET retrieval date) were discarded.

Station Type Screen

STORET contains data from a wide variety of stations classified by the type of waterbody in which samples were collected. As this project's purpose was to inventory and analyze surface-water quality, the following surface-water station types were retrieved (clarification provided in parentheses):

Station Types Included In Retrieval

- (a) STREAM
- (b) CANAL
- (c) LAKE
- (d) RESERV (Reservoir)
- (e) SPRING
- (f) FWTLND (Fresh Water Wetland)
- (g) SWTLND (Salt Water Wetland)
- (h) ESTURY (Estuary)
- (i) OCEAN

Ground water and/or other station type data may have been retrieved if the entering agency classified the station type incorrectly. Rectifying this error was beyond the scope and resources of this project.

Phase 0 Parameter Screen

Nearly all water quality parameters associated with each station type listed above were retrieved. The only exception to this was the exclusion of most of the STORET administrative parameters. A complete list of STORET administrative parameters is included in Appendix D. The few administrative parameters that were included in the retrievals are as follows:

<u>Code</u>	<u>STORET Administrative Parameter Description</u>
00027	Code No. for Agency Collecting Sample
00028	Code No. for Agency Analyzing Sample
00063	Sampling Points, Number of In a Cross Section
00111	Ratio of Fecal Coliform to Fecal Streptococci
00115	Sample Treatment Code (1=Raw, 2=Treated)
34772	NPDES Number, Cross Reference
45580	Method of Analysis
74065	Stream Flow Class
74066	Annual Runoff
74067	Soil Classification
74068	Water Quality Designated Use Classification

Phase 1 Parameter Screen

Some of the data retrieved from STORET was not suitable for statistical or graphical analysis. Consequently, this screening criterion eliminated all parameters which were not suitable for statistical or graphical analysis within the context of this project. The full list of these parameters is presented in Appendix E. Examples of parameters excluded from statistical and graphical analysis include the administrative parameters mentioned above, land use acreage, encoded values, dates, latitude/longitude, etc. Excluded parameters do, however, appear in the Parameter Period of Record and Station/Parameter Period of Record (two of the "Overview" Tables), as well as in the water quality parameter file included on disk(s) accompanying this report.

Media Type Screen

Water quality samples can be taken in a variety of aqueous media. Water quality data were retrieved from STORET only if the media were WATER or VERT (vertically integrated). WATER and VERT samples comprise the overwhelming majority of samples in STORET. The media screen eliminated the following water quality sampling media:

<u>Media Screen</u>	<u>Description</u>
BOTTOM	Sampled At the Bottom
DREDGE	Sampled By Dredge
PORE	Pore Sample
CORE	Core Sample

Remark Code Screen

STORET enables the agency collecting water quality samples to provide a qualifying remark for each parameter observation. These remarks provide additional information about the measured or observed value entered into STORET (See Appendix B - Parameter Data File for a complete listing and description of all remark codes). Based on the STORET remark codes, two potential screens were applied to water quality observations based on whether the measured value was used in subsequent analyses: (1) Elimination or (2) Modification/Inclusion.

Elimination:

Non-composite water quality parameters with the remark codes presented in Table B were eliminated from the period of record, annual, and seasonal descriptive statistics and graphics. Not including observations with these remarks was justified by the fact that most of the remarks: (A) indicate either less confidence in the measured value; (B) are remarks for nominal or categorical data that doesn't lend itself to statistical analysis; or, (C) complicate the statistical analysis beyond the scope of this effort. Observations containing these remark codes comprise a very small fraction of the data. Although statistical analyses weren't undertaken on this data, all water quality observations, regardless of remark code, are included on disk(s) accompanying this report. If you re-analyze this data in order to replicate the results presented here, be sure to eliminate all non-composite observations with the remark codes presented in Table B.

Table B. Non-composite Parameters With the Following Remark Codes Were Eliminated From Statistical and Graphical Analysis:	
Remark Code	Description of STORET Remark Code
F	Female Species.
J	Estimated, Not the Result of Analytic Measurement.
M	Presence Verified, But Not Quantified, Below Quantification Limit. For Species, Male. For Oxygen Reduction Potential, Indicates Negative Value.
N	Presumptive Evidence of Presence.
O	Analysis Lost.
V	Analyte Was Detected In Sample and Method Blank.
W	Less Than Lowest Value Reportable Under Remark "T".
Z	Too Many Colonies Were Present to Count (TNTC), Value Represents Filtration Value.

Modification/Inclusion:

Water quality parameter observations with the remark codes presented in Table C were halved prior to inclusion in period of record, annual, and seasonal descriptive statistics and graphics. These remark codes deal with observations that were below the detection limit for the parameter. The common water quality data analysis convention for these remark codes is to use half of the detection limit in statistical analyses (Ward, Loftis, and McBride 1990; Gilbert 1987). Although this is a somewhat defensible treatment of observations below the detection limit, the statistics that may be computed using these halved values may not be defensible. Consequently, any computed statistics in inventory, annual, or seasonal tables that are comprised of 50% or more K, T, and U remark codes are footnoted "Computed with 50% or more of the total observations as values that were half the detection limit." This will provide the user with some caution in using and interpreting these results. Water quality data included on disk(s) accompanying this report that may have these remark codes are stored as the original entry (detection limit). If you re-analyze this data in order to replicate the results presented here, be sure to substitute half the detection limit value in the database whenever these remark codes are encountered.

Table C. The Value of Water Quality Parameters With the Following Remark Codes Were Halved (Half of the Detection Limit Entered In STORET) Prior to Inclusion In Descriptive Statistics and Graphics:	
Remark Code	Description of STORET Remark Code
K	Off-scale Low, Actual Value Not Known, But Known to Be Less Than Value Shown.
T	Less Than Detection Criteria.
U	Analyzed For But Not Detected, Value is Detection Limit For Process Used. If Species, Undetermined.

Composite Type Screen

Sometimes data entered in STORET represent something other than a single measurement at one location at one point in time. These samples are typically referred to as composite samples due to the fact that they vary temporally and spatially. Consequently, the observation entered into STORET for composite data is typically a computed value that summarizes the data over time and/or space. Such data complicate statistical and graphical analyses and must be handled separately. Such treatment was beyond the scope of this study; although composite values typically represent only a fraction of STORET observations. The composite type screen eliminates all composite observations from statistical and graphical analyses, except those with a composite type code of "A" that have a one day or less sampling period and those with a composite type code "D". All water quality observations, regardless of composite type code, are included on disk(s) accompanying this report. If you re-analyze this data in order to replicate the results presented here, be sure to exclude all composite observations except those with a code of "A" that have a one day or less sampling period and those with a code of "D". Table D presents a list of possible STORET composite type codes.

Table D. Possible STORET Composite Type Codes	
Composite Type Code	STORET Composite Type Description
A	Average
H	Maximum
L	Minimum
N	Number of Observations
#	Number of Observations
S	Standard Deviation
U	Sum of Squares
V	Variance
C	Coefficient of Error
X	Coefficient of Variance
E	Skewness
F	Kurtosis
Z	Number of Obs. That Exceed An Established Limit
%	Precision
\$	Accuracy
B	N/A
D	Indicates Replicate Sample

Phase 2 Parameter Screen

Due to budgetary limitations, the number of graphical plots (time series, annual and seasonal box-and-whiskers) produced had to be manageable - typically no more than 100 total plots. After scrutinizing the results of the pilot tests and the Baseline Water Quality Data Inventory and Analysis Reports produced for the first group of parks, the 19 parameters which, typically, were the most frequently measured at nearly all stations were water temperature, stage, discharge, and various meteorological measurements (See Table E). Consequently, most of the graphical plots produced would be of water temperature, stage, discharge, and meteorological conditions. Although these are important parameters, particularly in conjunction with other water quality parameters, it was felt that plotting resources would be better allocated to other water quality parameters. Consequently the STORET parameter codes listed in Table E never generated graphical plots. It is important to note, however, that these parameters are included in all other aspects of the project, including all applicable period of record, annual, and seasonal descriptive statistics tables.

Table E. Frequently Measured STORET Codes That Were Prevented From Generating Plots	
STORET Parameter Code	STORET Parameter Description
00003	Sampling Station Location, Vertical (Feet)
00010	Water Temperature (Degrees Centigrade)
00020	Temperature, Air (Degrees Centigrade)
00021	Temperature, Air (Degrees Fahrenheit)
00025	Barometric Pressure (MM of HG)
00032	Cloud Cover (Percent)
00035	Wind Velocity (Miles Per Hour)
00036	Wind Direction in Degrees from Trun N (Clockwise)
00040	Wind Direction (Azimuth)
00045	Precipitation, Total (Inches Per Day)
00046	Precipitation, Total (Inches Per Week)
00052	Humidity, Relative (Percent)
00061	Stream Flow, Instantaneous (CFS)
00065	Stream Stage (Feet)
81903	Depth of Bottom of Water @ Sample Site (Feet)
82553	Rainfall In 1 Day Inclusive Prior to Sample (Inches)
82554	Rainfall In 7 Days Inclusive Prior to Sample (Inches)
82371	Rainfall In 3 Days Inclusive Prior to Sample (Inches)
82372	Rainfall In 14 Days Inclusive Prior to Sample (Inches)
85599	Precipitation, Total/Period-Rain Equivalent (Cm/Sample)

Observations/Period of Record Screen

Despite never plotting water temperature, stage, discharge, and meteorological measurements, the number of plots generated by some parks still exceeded the 100 plot limit. Also, some rationale was needed to plot only those parameters with sufficient data density to make a meaningful statistical graphic. For example, time series plots comprised of only a few observations or annual or seasonal box-and-whiskers plots with limited observations and/or data in only one or two years or seasons are not very informative. Consequently, a number of plotting criteria were developed to limit the number of time series and box-and-whiskers plots to, at most, 100 informative graphics by using each parameter's number of observations and period of record. Similar, albeit less stringent criteria, were used for including results of annual and seasonal analyses in descriptive statistics tables. Consequently, there are more summaries of annual and seasonal results in tables than in graphics. Whenever an entry in an annual or seasonal table generated a plot, this entry was footnoted to notify the reader of the presence of the graphic. Due to differing quantities of data at parks, different screening criteria were employed. The same

criteria for appearance in seasonal and annual tables were used for all parks. Table F presents the least stringent plot screens.

Table F. Least Stringent Plot Screening Criteria Used to Limit the Number of Plots Generated

<p>Time Series:</p> <p>To generate a time series plot, a station/parameter combination must have a period of record of at least 2 years and a total of at least 8 observations.</p> <p>Annual Analysis:</p> <p>To generate an annual box-and-whiskers plot, a station/parameter combination must have at least 9 observations in each of at least 4 years. The years do not have to be consecutive.</p> <p>Seasonal Analysis:</p> <p>To generate a seasonal box-and-whiskers plot, a station/parameter combination must have at least 9 observations in each of 2 seasons and a period of record of at least 6 years and observations in at least 3 of the 6 years. The years do not have to be consecutive.</p>
--

The exact three plot screens used varied by park unit and are documented in the Overview section of the Water Quality Results chapter. If your park's plotting criteria deviated from these least stringent criteria, it is because too many plots would have been generated using these criteria.

The criteria used for appearance of station/parameter combinations in annual and seasonal analysis tables are presented in Table G. These tabular criteria, which are actually the least stringent plotting criteria, were constant from park to park.

Table G. Criteria Used for Generating Entries in Annual and Seasonal Analysis Tables

<p>Annual Analysis:</p> <p>For an entry to appear in an annual table, a station/parameter combination must have at least 9 observations in each of at least 4 years. The years do not have to be consecutive.</p> <p>Seasonal Analysis:</p> <p>For an entry to appear in a seasonal table, a station/parameter combination must have at least 9 observations in each of 2 seasons and a period of record of at least 6 years and observations in at least 3 of the 6 years. The years do not have to be consecutive.</p>
--

Statistical Definitions

Since this report is intended only to characterize historical and/or existing water quality at the park rather than address specific water quality problems, only simple descriptive statistics are presented. Inferential and non-parametric statistical analysis to examine relationships and trends were beyond the scope of the study. The complete water quality dataset is provided on disk accompanying this report to afford the opportunity for more detailed exploratory data analysis. The descriptive statistics are included in the inventory, annual, and seasonal tables. Table H provides a brief definition of each descriptive statistic provided for each parameter at a station.

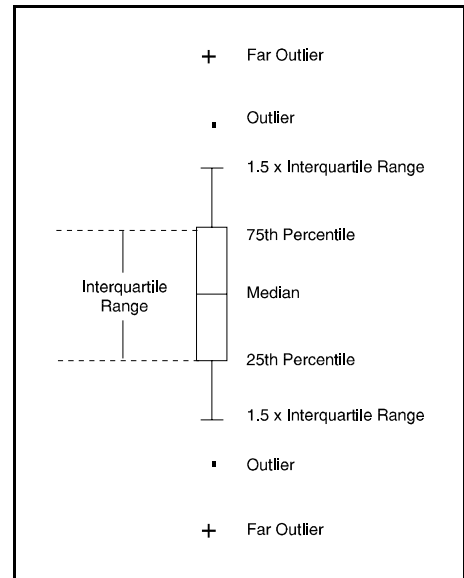
Table H. Definition of Descriptive Statistics Contained in Inventory, Annual, and Seasonal Tables

Observations:	The number of samples collected.
Median:	The median is the 50th percentile or the value in a dataset sorted in ascending order that exceeds 50% of all observations, yet is also exceeded by the remaining 50% of all observations.
Mean:	The sum of all observations collected divided by the number of observations.
Maximum:	The maximum value observed.
Minimum:	The minimum value observed.
Variance:	This is a measure of variability or dispersion of the observations; or, in other words, describes how many observations are close (or far), from the mean. It is calculated as the weighted average of the squared deviations from the mean.
Standard Deviation:	The positive square root of the variance.
10th Percentile:	The value in a dataset sorted in ascending order that exceeds 10% of all observations, yet is itself exceeded by the remaining 90% of all observations.
25th Percentile:	The value in a dataset sorted in ascending order that exceeds 25% of all observations, yet is itself exceeded by the remaining 75% of all observations. The 25th percentile is also known as the first quartile.
75th Percentile:	The value in a dataset sorted in ascending order that exceeds 75% of all observations, yet is itself exceeded by the remaining 25% of all observations. The 75th percentile is also known as the third quartile.
90th Percentile:	The value in a dataset sorted in ascending order that exceeds 90% of all observations, yet is itself exceeded by the remaining 10% of all observations.

As with the tabular descriptive statistics, the scope of the project limited the generation of exploratory graphics to time series plots and annual and seasonal box-and-whiskers plots. Plots were only generated, however, provided the parameter met or exceeded the relevant plotting criteria specified in the previous section.

Time series plots display the parameter concentration on the Y-axis and the date on the X-axis. This provides the user with a visual feeling for not only the parameter's concentration and variability over time, but also the density of data in different time periods. The time series plots provide a visual representation of the data in the basic station inventory. Due to software limitations, a line connects each measured value in sequence regardless of the time period between samples. Readers are cautioned not to assume that the concentration of the parameter between any two data points can be represented by a straight line. It is likely that the concentration varied between any two observations, particularly if the observations are separated by a significant time period.

The annual and seasonal box-and-whisker plots provide a graphical overview of the measured data and give the user a better understanding of the data's distribution and possible outliers. In essence, the box-and-whisker plots provide a visual representation of the data contained in the annual and/or seasonal tables. The interpretation of the boxes is provided in the figure to the right. Each box encompasses the middle 50 percent of measured values (from the 75th to 25th percentiles). The difference between the 75th and 25th percentiles is also known as the interquartile range. The horizontal line inside each box is the median or 50th percentile. The lines which extend out from each end of the box are the whiskers. The whiskers extend out from first quartile (25th percentile) and third quartile (75th percentile) to the smallest data point within 1.5 interquartile ranges from the first and third quartiles. Observations that extend beyond the whiskers are known as outliers. Far outliers are observations whose values lie more than three interquartile ranges below the first quartile or above the third quartile. These are designated with plus signs.



INTERPRETIVE GUIDE TO WATER QUALITY RESULTS

This interpretive guide discusses each of the products presented in the next chapter - Water Quality Results. This chapter highlights how each of the tables and figures were prepared and how they can be used. Each subheading in this chapter corresponds to a particular product in the subsequent Water Quality Results chapter.

Overview

The Overview provides a brief one-page summary of the results of the various database retrievals for both the study area and the park. The study area results include the park results since the study area encompasses the park and all lands and waters within at least 3 miles upstream and 1 mile downstream of the park. Thus, the GIS estimated acreage of the study area should always be greater than the park acreage. The park acreage was computed from the digital boundary that was obtained for the park. More than likely this acreage will differ, perhaps significantly, from the "official" published acreage for the park due to the spatial and temporal accuracy of the digital boundary, treatment of inholdings, and other concerns. The number of STORET stations is the number of locations within the study area and park where an agency monitored (or intended to monitor) water quality. The number of stations with no data reveals the number of stations created in STORET for which water quality data were never entered. The number of stations with no statistical analysis reports the number of stations in the study area and park that contain data not amenable to normal parametric statistics. The number of longer term stations indicates the number of stations in the study area and park with at least 6 parameters having periods-of-record extending 2 years with an average of at least 1 observation per year over the period-of-record. The date of STORET retrieval is the calendar date when Horizon Systems downloaded all the data from STORET. Thus, the report documents all data entered in STORET prior to the retrieval date. Keep in mind that an agency can upload archival data at any time. Consequently, a retrieval date only guarantees that as of that date, this report contains all the data that had been entered into STORET. The period of record is the earliest date for which water quality data exist in STORET for the study area and park up to the date when the most recent data were entered prior to the retrieval date. The number of parameters measured is the number of unique water quality parameters measured within the study area and park and entered in STORET. The number of water quality observations is the sum of the total number of observations across all parameters within the study area and park. The number of industrial/municipal facilities discharges, drinking water intakes, water gages, and water impoundments are the number of each of these entities found within the study area and park. The number of time series, annual, and seasonal plots are the number of these different types of graphics produced by station/parameter combinations within the study area and park using the plotting criteria described in the previous chapter. The hydrologic seasons, described below, are the seasons used for the seasonal water quality data analysis. The time series, annual, and seasonal criteria are the plot and tabular screening criteria described in the previous chapter.

Regional Location Map

The Regional Location Map provides a small scale, general representation of the park and study area location within the United States. Digital, reproducible copies of this graphic are included on the disk(s) accompanying this report.

Water Quality Monitoring Locations Map(s)

The Water Quality Monitoring Locations Map(s) usually provides a larger scale representation of the park and study area than the Regional Location Map. This map indicates the locations within the study area where water quality has been monitored and the data entered into STORET. The water quality monitoring stations are labelled sequentially with the rightmost significant digits. The station names were assigned in numerically ascending order by latitude (for parks with a greater north-south extent than east-west) or longitude (for parks with a greater east-

west extent than north-south). Thus, this map serves as a visual index to the water quality data contained in the report. Since the 1:100,000 scale hydrography (from the River Reach File Ver. 3.0 or other sources) is displayed on the map, users can refer to the map to locate the station number on the reach in which they are interested and then find the appropriate section in the report that documents the water quality at that station. If the scale allows, USGS catalog units are also displayed on the map to provide an approximation of drainage basins. More than one Water Quality Monitoring Location map may be presented if the scale requires breaking the area into multiple maps for legibility. If multiple maps are necessary, an index map showing the geographic extent of each sub-map or panel will be present. Digital, reproducible copies of this graphic are included on the disk(s) accompanying this report. The digital, geo-referenced data files documented in Appendices A and B will allow the park to create water quality monitoring stations as a coverage in their GIS.

Dischargers, Drinking Intakes, Gages, and Impoundments Map(s)

The Dischargers, Drinking Intakes, Gages, and Impoundments Map(s) displays the same information as the Water Quality Monitoring Location Map(s) except the water quality stations are replaced by industrial/municipal facilities discharges, drinking water intakes, active and inactive gage locations, and water impoundments. This map also serves as a visual index allowing the user to determine the identification code of each discharger, drinking intake, gage, or impoundment. This number can then be used to obtain additional information about the entity on the following page of the report or to refer to the more detailed database files accompanying the report on disk. These more detailed database files are geo-referenced (See Appendices A and B), thus allowing the park to create these coverages in their GIS. More than one Dischargers, Drinking Intakes, Gages, and Impoundments map may be presented if the scale requires breaking the area into multiple maps for legibility. If multiple maps are necessary, an index map showing the geographic extent of each sub-map or panel will be present. Digital, reproducible copies of this graphic are also included on the disk(s) accompanying this report.

Industrial Facilities Discharges, Drinking Water Intakes, Water Gages, and Water Impoundments Table

This table provides some additional information about each of the discharges, drinking intakes, water gages, and water impoundments displayed on the previous map(s). This information generally includes the site identification number; the station or facility name; an address or some other indication of location; and some other pertinent information. More detailed information about each of these entities is contained in the database files on disk accompanying the report (See Appendices A and B).

Representative Mean Annual Hydrograph for Seasonal Analysis

One component of the water quality data analysis contained in the document is a seasonal analysis of the data (where adequate data exist). In order to undertake this analysis, some representation of the park's seasons was required. Seasons can be based on many factors (eg. hydrologic, climatic, recreational use, etc.). Since project resources did not allow us to contact every park and discuss with resource management staff what appropriate seasons may be for the park, WRD staff elected to adopt primarily a hydrologic/climatic definition of the seasons which uses a process of hydrograph separation to glean seasons from stream discharge patterns. The procedure employed to make these determinations was as follows:

- (1) Find the nearest USGS Hydro-Climatic Data Network (HCDN) station (U.S. Geological Survey 1992) to the park that is most representative of streamflow conditions at the park. The HCDN is basically a subset of USGS streamflow stations, including only those stations that are unaffected by artificial diversions, storage, or other disruptions of the natural channel. All HCDN stations generally have at least a 20 year period of record. Consequently, discharge patterns at these stations should reflect only hydrologic and climatic influences. For the most part, selected HCDN sites were typically within 15-20 miles of the park. In some parks where WRD staff were aware of the existence of a stream gage located within the park that would be more representative of park waters even though it wasn't an HCDN site, this gage was selected.

- (2) Retrieve the daily discharge values for the selected station from the USGS Daily Values File and generate a mean annual hydrograph and a box-and-whiskers plot of daily flows by month.
- (3) Interpret the plots based on our knowledge of the hydrologic regime at these parks and assign seasons.

This approach, used for the majority of parks, assumes that most water quality data at the park will be found in streams and that the discharge pattern of the selected stream is representative of the seasons for all park waterbodies. Although this assumption may be weak for certain parks, project resources did not allow a more thorough investigation. For parks where there wasn't any stream gage (HCDN or otherwise) deemed representative of park waters, precipitation records from a nearby meteorological station were obtained from the National Climatic Data Center. Plotting daily average precipitation and box-and-whiskers of monthly precipitation sums allowed WRD hydrologists to make a rough approximation of climatic seasons for use in analyzing the water quality data.

Again, it is important to note the many ways of defining "seasons" and thus the limitations of the seasonal analysis contained in this document. For certain parks it may be more useful to perform a seasonal analysis with seasons defined by recreational use patterns or some other natural or anthropogenic factor. This option is available to the park since all the water quality data analyzed in this document is contained on disk(s) accompanying this report. Digital, reproducible copies of this seasonal analysis graphic are also included on the disk(s) accompanying this report.

Contacts for Agency Codes Retrieved

This table provides a list of the organizations who have entered data into STORET. A contact name at the organization and a phone number are also supplied. The agency code in the first column is the key for identifying which stations belong to that agency. This code will appear in the first line of each station's inventory. Although the agencies listed in this table are potential partners for future water quality monitoring or management endeavors, don't be surprised if the name of the contact and/or the telephone number is out of date. This information is entered when an agency first creates a station. The agency may not update this information when the initial contact moves on or the telephone number changes. Nonetheless, it is likely that the contact or someone else at the agency may be able to provide you with project reports or other information relative to the agency's data. A digital copy of this table accompanies this report on disk (See Appendices A and B).

Quantity of Data Retrieved by Agency Code

This table displays the period-of-record; numbers of water quality stations, longer-term stations, and stations without data; total number of water quality observations; and the number of unique water quality parameters measured by each agency within the study area and park boundary. Using this table, a park can quickly determine which agencies collect the most data in and around the park and whether they have monitored recently. A digital copy of this table accompanies this report on disk (See Appendices A and B).

Station Period of Record Tabulation

The Station Period of Record Tabulation provides a quick overview of the names of all the stations within the study area where water quality has been monitored and data entered into STORET. It also furnishes the total number of observations taken at each station and the frequency of observations between certain dates: (1) 01/01/85 until the most recent date data were measured; (2) 01/01/75 - 12/31/84; and (3) prior to 01/01/75. The station identification number, the four character park abbreviation code followed by a four digit number, provides the means to jump from a particular station in the table to the statistical and graphical analyses for this station contained in the Station-By-Station Results section. The Station Period of Record Tabulation reveals which water

quality stations were situated within the park as defined by the park's GIS boundary. The Station Period of Record Tabulation also footnotes longer-term water quality stations. Longer-term stations are those that have at least 6 parameters with an average of one or more observations per year for those parameters during a period of record extending at least two years. Note that although a station may not be flagged as longer-term, it can still harbor much important data (albeit for only a few parameters or over a very long term with just a few observations). A digital copy of this table accompanies this report on disk (See Appendices A and B).

Parameter Period of Record Tabulation

The Parameter Period of Record Tabulation provides a complete listing of every water quality parameter ever measured in the study area and entered into STORET. This table is a summation of all the water quality observations for each parameter across all stations in the study area. Like the Station Period of Record Tabulation, the total number of observations for each parameter and the frequency of observations between: (1) 01/01/85 until the most recent date data were measured; (2) 01/01/75 - 12/31/84; and (3) prior to 01/01/75 are provided. This table is handy for quickly assessing whether particular parameters have been measured in the study area. The Parameter Period of Record Tabulation also shows how many in-park (and total) water quality stations contained data for each parameter. Some administrative parameters and parameters not suitable for statistical analysis within the context of this project (as discussed in the Screening Methodologies and Procedures section of the Methodology chapter) are listed in the Parameter Period of Record Tabulation, but not in the Station-By-Station Results section. A digital copy of this table accompanies this report on disk (See Appendices A and B).

Station/Parameter Period of Record Tabulation

The Station/Parameter Period of Record Tabulation combines the information found in the Station Period of Record Tabulation and the Parameter Period of Record Tabulation. This table provides a listing of all the stations where a particular water quality parameter was measured in the study area and the data entered into STORET. The table provides the start and end dates of the period of record of each parameter at each station; the number of years of measurement (computed from the start and end dates); whether the station/parameter combination occurred within the park boundary; the total number of observations for each parameter at each station, and whether a time series (T), annual (A), and/or seasonal (S) plot was generated for the station/parameter combination in the Station-By-Station Results section. This table is very useful when you need to determine at which locations within the study area (or park) particular parameters were monitored and how much data was collected there. Some administrative parameters and parameters not suitable for statistical analysis within the context of this project (as discussed in the Screening Methodologies and Procedures section of the Methodology chapter) are listed in the Station/Parameter Period of Record Tabulation, but not in the Station-By-Station Results section. A digital copy of this table accompanies this report on disk (See Appendices A and B).

Station-By-Station Results

Probably the most voluminous portion of the document is the Station-By-Station Results. Here the results of the water quality analyses for each station are presented in sequence. The results include the station inventory; parameter inventory; EPA water quality criteria analysis; and, as applicable, time series graphics and annual and seasonal tables and box-and-whiskers graphics. Each of these products are discussed below.

Station Inventory for Station

Each station's data commences with its Station Inventory. The Station Inventory provides the descriptive attributes about each water quality monitoring station contained in STORET. This includes a variety of locational information such as a verbal description, the Federal Information Processing codes for county and state, latitude and longitude, and other items; the station type (stream, spring, estuary, etc.); monitoring agency; creation date; indices to the River Reach File; whether the station lies within the park boundary; and several other attributes. This water quality station location data is also contained on disk(s) accompanying the report (See Appendices A and B).

Parameter Inventory for Station

Following the descriptive attributes about a station is the Parameter Inventory for the station. The Parameter Inventory provides a complete inventory and descriptive summary of all the water quality parameter data for the station. This table furnishes the parameter STORET code and name; the period of record for this parameter at this station; and the descriptive statistics defined in the Statistical Definitions in the previous chapter. Three different footnotes can appear on a parameter's descriptive statistics. Two asterisks (**) in the 10th, 25th, 75th, or 90th percentile columns indicates that there was insufficient data to compute these statistics for this parameter. Percentiles were not computed unless the parameter had at least 9 observations. Two number signs (##) next to the number of observations indicates that more than 50 percent of the observations entered into the computations as values that were taken to be half the detection limit. Caution should be employed in interpreting and using statistical results when more than half the values are set to half the detection limit. The letter "p" following a numeric STORET parameter code in the Parameter Inventory indicates that a time series plot was produced for this parameter at this station. Digital, reproducible copies of the Parameter Inventory tables are contained on the disk(s) accompanying this report.

Two downloaded parameter groups, pH and bacteriological, received special treatment whenever descriptive statistics were computed in the Parameter Inventory (as well as subsequent annual and seasonal tables). Whenever pH appears in a descriptive statistics table, the entry is increased to 3 entries: (1) the original pH entry; (2) pH computed from conversion to and from $\mu\text{eq/l H}^+$; and (3) $\mu\text{eq/l H}^+$. The reason for these conversions is that pH is actually the negative logarithm of the hydrogen ion concentration. To be technically correct in computing descriptive statistics, pH values must be converted to $\mu\text{eq/l H}^+$ (Kunkle and Wilson 1984). Once the descriptive statistics are computed using the pH values expressed as $\mu\text{eq/l H}^+$, the results can be converted back to pH. The three pH entries in the descriptive statistics table will all have the same STORET code.

Whenever a bacteriological parameter appears in a descriptive statistics table, the entry is increased to 3 entries: (1) the original bacteriological entry; (2) an entry computed using the log of each measured value; and (3) an entry that simply reports the geometric mean. The reason for converting to logs and displaying the geometric mean is convention. Bacteriological water quality standards typically reference the geometric mean rather than the arithmetic. The three bacteriological entries in the descriptive statistics tables will all have the same STORET code.

EPA Water Quality Criteria Analysis for Station

The EPA Water Quality Criteria Analysis table follows the Parameter Inventory. This table presents a comparison between the station's STORET water quality data and applicable national water quality criteria for freshwater and marine aquatic organisms; drinking water; and other concerns. Comparison against applicable State water quality criteria was not feasible given project resources. Appendix F provides the relevant national EPA water quality criteria values. In most cases, the EPA water quality criteria values are single sample concentrations that can be directly compared to single sample STORET entries. There are, however, two notable exceptions to this single sample/single value comparison: ammonia and fecal-indicator bacteria. For these two parameters, criteria are either derived from or depend on the results of other chemical characteristics of the water or require a time series statistical treatment of multiple samples to determine whether the criterion has been exceeded. The EPA ammonia criterion is pH and temperature dependent. To calculate the criterion for each ammonia sample value was beyond

the scope of this project. Consequently, ammonia criteria were not included in Appendix F or the EPA Water Quality Criteria Analyses. Un-ionized ammonia criteria can be determined from formula table values included in the EPA Silver Book (Environmental Protection Agency 1995).

For the purposes of this project, fecal-indicator bacteria data were flagged as exceeding criteria when their concentrations exceeded 200, 1000, 126, and 33 (fresh)/35 (salt) colony forming units or most probable number for single samples of fecal coliform, total coliform, E. coli, and enterococci, respectively. These values represent only approximations of the criteria for primary contact recreation waters where criteria are typically expressed in terms of a geometric mean computed with no less than 5 samples during a given month. When a fecal-indicator bacterial observation exceeds a criterion in the EPA Water Quality Criteria Analysis section, the reader should refer to the corresponding geometric mean calculations in the preceding Parameter Inventory. Long-term geometric means that exceed the respective water quality criteria for multiple samples are more indicative of chronic bacteriological problems than single sample values.

Water quality observations carrying non-detection or below-detection limit remark codes (K, T, and U) required special treatment in the EPA Water Quality Criteria Analysis. As with the statistics in the Parameter Inventory, half the detection limit was the value used in the EPA Water Quality Criteria Analysis. For certain observations, however, half the detection limit may exceed a water quality criterion. For those observations it would be inappropriate to classify them as exceeding a criterion since the actual value wasn't known. Thus, it was decided that any below detection limit or non-detect observations that exceed a water quality criterion using half the detection value would be excluded from the EPA Water Quality Criteria Analysis. If non-detect or below detection limit values are excluded from the EPA Water Quality Criteria Analysis for a particular parameter, the total observations for that parameter will be footnoted with an ampersand (&). This will also explain the difference between the total observations in the Parameter Inventory and the EPA Water Quality Criteria Analysis. Non-detect or below detection limit values are included in the EPA Water Quality Criteria Analysis, however, if half the detection limit doesn't exceed the parameter's criterion.

The EPA Water Quality Criteria Analysis for each station lists the parameter; the standard type and value; the total number of observations for the parameter at this station; the number of observations that exceeded the standard value; and the proportion of observations that exceeded the standard value. Water quality observations are considered as having exceeded a criterion regardless of whether the criterion represents a maximum acceptable value or a minimum acceptable value. The table also breaks down the water quality criteria analysis on a seasonal basis to allow the reader to discern whether parameter observations tend to exceed criteria during only certain seasons or year round. Although the EPA Water Quality Criteria Analysis table is a good starting point for assessing potential water quality problems at the station, the reader is strongly encouraged to read the caveat section in the Introduction concerning drawing conclusions about water quality problems from this table. Digital, reproducible copies of these tables accompany the report on disk (See Appendices A and B).

Time Series Plots for Station

Following the EPA Water Quality Criteria analysis will be any Time Series Plots for each parameter that met the time series plot screening criterion selected for the park unit. If a time series plot is generated for a particular parameter at a station, a "p" will appear next to the STORET parameter code in the Parameter Inventory. If no time series plots are present for the particular station, the data did not meet the time series screening criterion listed in the Overview section of the Water Quality Results chapter. The x-axis on these plots is the period of record, listing only the 2-digit calendar year for clarity (i.e. 1983 is presented as 83). The y-axis is the concentration of the selected parameter in its measurement units. In general, the units for a given parameter are given either on the y-axis or in the parameter description in the subtitle of the graph. Subtitle and/or y-axis parameter descriptions may be truncated on the plots so as to not exceed the maximum number of plotting characters. Y-axis values less than zero are sometimes shown for better representation of the entire plot. The station identification code, parameter description, and parameter STORET code are presented in the main title. The footnote provides a descriptive location name. Observations on the plot are represented as squares. Lines are drawn connecting each successive observation. As mentioned previously in the Statistical Definitions section of the Methodology chapter, the interconnecting line is drawn only for ease of reading and provides no indication of what the actual parameter

values were between the two observed measurements. Digital, reproducible copies of all time series plots accompany the report on disk (See Appendices A and B).

For time series plots of pH, the original pH values are plotted. For time series plots of bacteriological data, the log of the measured value is plotted. Hence, the y-axis of a time series plot for bacteriological parameters is log-linear.

Annual Analysis for Station

If more than 9 observations exist in each of at least 4 years for a particular parameter at a station, an Annual Analysis table will be generated. Entries will be made in the table for each parameter having more than 9 observations in each of at least 4 years. The Annual Analysis presents the same descriptive statistics as the Parameter Inventory table, except that it provides the statistics by year, rather than the entire period of record. Although some of the years may not contain 9 observations, these years still have an entry in the table. A parameter needs only to have 9 observations in any 4 years of its period of record to qualify for the Annual Analysis table. Like the Parameter Inventory, percentiles with fewer than 9 observations are not computed and entries computed with greater than 50 percent of the data values set to half the detection limit are flagged. Entries in the Annual Analysis table that also meet the annual analysis box-and-whisker plot screening criterion will be flagged with a "p" next to the STORET code. Digital, reproducible copies of these tables accompany the report on disk (See Appendices A and B).

Annual Box-and-Whiskers Plots for Station

Entries in the Annual Analysis table that meet the annual box-and-whisker plot screening criterion will generate Annual Box-and-Whiskers Plots. The interpretation of box-and-whiskers plots is explained in the Statistical Definitions section of the Methodology chapter. A box is generated for each year of the period of record, even if less than 9 observations were recorded in the year. The axis labeling and plot titling is the same as for the time series plots. Digital, reproducible copies of these graphics accompany the report on disk (See Appendices A and B).

For annual box-and-whiskers plots of pH, $\mu\text{eq/l H}^+$ are plotted. For annual box-and-whiskers plots of bacteriological data, the log of the measured value is plotted. Hence, the y-axis of an annual box-and-whiskers plot for bacteriological parameters is log-linear.

Seasonal Analysis for Station

As explained above, a park's hydrologic seasons for seasonal water quality analysis were determined using a process of hydrograph separation and other techniques. If a parameter has more than 9 observations in each of 2 seasons with a period of record of at least 6 years and observations in at least 3 of the 6 years, a Seasonal Analysis table will be generated for the station. The Seasonal Analysis presents the same descriptive statistics as the Parameter Inventory table, except that it provides the statistics by season, rather than the entire period of record. Although certain parameters for a season at a station may not contain 9 observations, these parameters can still have an entry in the table. A parameter needs only to have 9 observations in each of 2 seasons with a period of record of at least 6 years and observations in at least 3 of the 6 years to qualify for the Seasonal Analysis table. Consequently, some of the parameters could have fewer than 9 observations in a particular season but still generate a table entry. Like the Parameter Inventory and Annual Analysis, percentiles with fewer than 9 observations are not computed and entries computed with greater than 50 percent of the data values set to half the detection limit are flagged. Entries in the Seasonal Analysis table that also meet the seasonal analysis box-and-whisker plot screening criterion will be flagged with a "p" next to the STORET code. Digital, reproducible copies of these tables accompany the report on disk (See Appendices A and B).

Seasonal Box-and-Whiskers Plots for Station

Entries in the Seasonal Analysis table that meet the seasonal box-and-whisker plot screening criterion will generate Seasonal Box-and-Whiskers Plots. The interpretation of box-and-whiskers plots is explained in the Statistical Definitions section of the Methodology chapter. A box is generated for each season of the period of record, even if less than 9 observations were recorded in the season. On the x-axis, the seasons are labeled 1 through the number of seasons defined for the park through hydrograph separation. The actual calendar dates that correspond to these numerically labeled seasons exist in the Overview section and the Seasonal Analysis tables in the Water Quality Results chapter. The axis labeling and plot titling are the same as for the time series and annual box-and-whiskers plots. Digital, reproducible copies of these graphics accompany the report on disk (See Appendices A and B).

For seasonal box-and-whiskers plots of pH, $\mu\text{eq/l H}^+$ are plotted. For seasonal box-and-whiskers plots of bacteriological data, the log of the measured value is plotted. Hence, the y-axis of a seasonal box-and-whiskers plot for bacteriological parameters is log-linear.

EPA Water Quality Criteria Analysis for Entire Park Study Area

This table essentially summarizes all the individual station-by-station EPA water quality criteria analyses in the study area. (Refer to the EPA Water Quality Criteria Analysis for Station section above for more detailed information on the treatment of special cases in the EPA Water Quality Criteria Analysis for Entire Park Study Area.) This table presents a comparison between the study area's STORET water quality data and applicable national water quality criteria for freshwater and marine aquatic organisms; drinking water; and other concerns. Comparison against applicable State water quality criteria was not feasible given project resources. Appendix F provides the relevant national EPA water quality criteria values. The EPA Water Quality Criteria Analysis for the Entire Park Study Area lists the parameter; the standard type and value; the total number of observations for the parameter at this station; the number of observations that exceeded the standard value; and the proportion of observations that exceeded the standard value. Water quality observations are considered as having exceeded a criterion regardless of whether the criterion represents a maximum acceptable value or a minimum acceptable value. The table also breaks down the water quality criteria analysis on a seasonal basis to allow the reader to discern whether parameter observations tend to exceed criteria during only certain seasons or year round. Although the EPA Water Quality Criteria Analysis for the Entire Park Study Area is a good starting point for assessing potential water quality problems at the park, the reader is strongly encouraged to read the caveat section in the Introduction before drawing conclusions about water quality problems from this table. A digital, reproducible copy of this table accompanies the report on disk (See Appendices A and B).

NPS Servicewide Inventory and Monitoring Program

Level I Water Quality Inventory Data Evaluation and Analysis (IDEA)

One of the objectives of this Baseline Water Quality Data Inventory and Analysis project is to perform an IDEA - an Inventory Data Evaluation and Analysis - to determine the presence and/or absence of Servicewide Inventory and Monitoring Program "Level I" water quality parameter groups in the park's study area. The Strategic Plan for Conducting Baseline Natural Resource Inventories in the National Park Service (National Park Service 1993) identified the basic water quality parameters displayed in Table I as the parameters that all parks must have for "key" waterbodies (determined on the basis of size, uniqueness, threats, etc.) within park boundaries. Since these parameters can be measured in different ways and with different units, there are multiple STORET codes associated with each parameter; hence the concept of parameter groups. The Strategic Plan distinguishes between those parameter groups required for all parks and parameter groups required only on a case-by-case basis.

The IDEA basically compares the parameters listed in the Parameter Period of Record Tabulation and Station/Parameter Period of Record Tabulation with the "Level I" Servicewide Inventory and Monitoring water quality parameter groups, listed in Table I and in Appendix G, and notes, not only the presence or absence of each parameter group, but the total number of observations for each parameter present in the group; the number of

observations between certain time periods; and the total number of stations within the study area at which the parameter was measured. The total number of different (unique) stations measuring parameters for the group is in parentheses on each parameter group's summary line.

The first page of the IDEA lists the missing Servicewide Inventory and Monitoring Program "Level I" groups. If a parameter group appears on this list, no data for any of the parameters defining the group (See Appendix G) was retrieved for it within the study area. So-called non-priority parameter groups may appear in the missing list. Non-priority parameters are park-specific parameters (case-by-case) which may not be applicable to your park. Consequently, if you believe a particular parameter, not included in IDEA (See Appendix G), to be important for your park, you will have to consult the Parameter and Station/Parameter Period of Record Tabulations to determine the presence or absence of this parameter for the park. Although considered a "Level I" parameter, biological data, obtained through rapid bioassessment or other means, is not considered in this report which deals specifically with surface water chemistry. Following the Missing Level I Group list is the Present Level I Group list which displays the summary results for each Servicewide Inventory and Monitoring "Level I" water quality parameter group that was found.

Table I. Basic "Level I" Water Quality Parameters Identified as Required and Optional By the Servicewide Inventory and Monitoring Program for "Key" Park Waterbodies

<p><u>Required Parameter Groups:</u></p> <p>(1) Alkalinity</p> <p>(2) pH</p> <p>(3) Conductivity</p> <p>(4) Dissolved Oxygen</p> <p>(5) Rapid Bioassessment Baseline (EPA/State protocols, involving fish and macroinvertebrates)</p> <p>(6) Temperature</p> <p>(7) Flow</p> <p><u>Case-By-Case Parameters Groups:</u></p> <p>(8) Toxic Elements</p> <p>(9) Clarity/Turbidity</p> <p>(10) Nitrate/Nitrogen</p> <p>(11) Phosphate/Phosphorus</p> <p>(12) Chlorophyll</p> <p>(13) Sulfates</p> <p>(14) Bacteria</p>

The last page of the IDEA summarizes the information from the Missing and Present Level I Group lists. This page provides information on the temporal and spatial distributions of the data. Included in this table are the total number of observations for each parameter group; the number of observations since January 1, 1985; the percent of the total observations since January 1, 1985; the number of stations measuring each parameter group; the percent of the total number of stations with data measuring the parameter group; the number of observations per station with data; the period-of-record for this parameter group; and the average number of observations per year of the period-of-record.

In interpreting the results of the IDEA, the reader should first consult the Missing Level I Group list. For the parameter groups listed, there was no baseline water quality data within the study area entered in STORET. Consequently, these parameter groups could be a higher priority for data collection. It is important, however, to realize that data within these parameter groups may have been already collected but not entered into STORET. The resources for this project did not enable us to pursue thorough literature and file cabinet reviews to dredge up

every last iota of data. If data exists for certain Servicewide Inventory and Monitoring Program "Level I" water quality parameter groups in a park's file cabinet, it is the park's responsibility to factor that data into their IDEA. Consequently, the listing of a parameter group on the Missing "Level I" Group list is not a WRD endorsement to launch a study to collect these data. The IDEA is intended to simply note that no data exist for these parameter groups in STORET for the park. It is the park's responsibility to ascertain whether such data has already been collected by the park or other entities before embarking on a new study. In fact, in the future the WRD will require that any park study plan proposing to collect baseline water quality data show that they have consulted their Baseline Water Quality Data Inventory and Analysis report and searched in other locations (file cabinets, published literature, etc.) for the data they propose to collect. A similar interpretation springs from the Present "Level I" Group list. Insufficient data density in certain time periods for particular parameter groups is not necessarily cause for launching a new inventory and/or monitoring program. The park should still consult with other potential sources of data. Again, the IDEA is designed to provide only a quick check on data in STORET for the Servicewide Inventory and Monitoring Program "Level I" water quality parameter groups.

Water Quality Observations Outside STORET Edit Criteria for Park

STORET data entered after November 1983 were subjected to rudimentary edit/bounds checking for 190 common parameters (See the STORET Edit Criteria in Appendix C). None of the data entered into STORET prior to that time has been subjected to edit/bounds checking. Moreover, to maintain exact comparability with USGS WATSTORE data, WATSTORE data entered into STORET has never been subjected to the EPA edit/bounds checking. During the pilot test phase of this project, obviously incorrect data was identified from both USGS and other agency data in STORET. As a consequence, all data downloaded from STORET was filtered through the STORET edit criteria to identify parameter observation values that fall outside any edit criterion ranges. This section documents the station name, parameter, date, time, parameter value, agency, and STORET station name of every observation that fell outside the range of an edit criterion. Not all data falling outside an edit criterion are necessarily incorrect. Such data may represent unique or special conditions. Consequently, every observation falling outside a STORET edit criterion was scrutinized to determine, in our best professional judgement, whether the value was in the realm of possibility or obviously incorrect. Water quality observations that appeared to be obviously incorrect are marked with an "X" in the Disposition column of this table. These values were not retrieved or included in any of the inventory tables or graphs. Water quality values outside a STORET edit criterion but within the realm of possibility were retained and included in inventory tables and graphs. The Water Quality Observations Outside STORET Edit Criteria for Park table documents all values that were outside an edit criterion range. This documentation is also necessitated by the fact that agencies can override the STORET edit criteria for individual observations. Although the edit criteria eliminate some potentially "bad" data from the report, the probability of other incorrect data, for both the 190 parameters that are edit/bound checked and all the other STORET parameters that aren't error checked, is high. Readers should consult the Caveat section in the Introduction for guidelines on the use and interpretation of STORET data. The responsibility for correcting these observations rests with the collecting agency.

WATER QUALITY RESULTS

OVERVIEW FOR GREE

Study Area Boundary Description

The study area includes the park and all areas within at least 3 miles upstream of the park unit boundary and at least 1 mile downstream.

	<u>Study Area</u>	<u>Park</u>
GIS Estimated Acreage:	53114	1048
# STORET Stations:	54	11
# Stations With No Data:	0	0
# Stations With No Stat. Analysis:	0	0
# Longer Term Stations:	35	6
Date of STORET Retrieval:	09/04/98	09/04/98
Period of Record:	01/03/59-09/02/94	06/12/81-04/30/84
# Parameters Measured:	218	9
# Water Quality Observations:	31752	2544
# Industrial/Municipal Facilities:	13	0
# Drinking Water Intakes:	1	0
# Water Gages:	2	0
# Water Impoundments:	3	0
# Total Plots:	52	0
# Time Series:	16	0
# Annual:	17	0
# Seasonal:	19	0

Hydrologic Definition of Seasons:

1. July 1 - October 14
2. October 15 - March 31
3. April 1 - June 30

Time Series Plot Criteria:

To be included in the time series plots, a station/parameter combination must have at least 12 years and at least 56 observations.

Annual Analysis Criteria:

To be included in the annual box-and-whisker plots, a station/parameter combination must have at least 9 observations in each of at least 8 years.

To be included in the annual analysis tables, a station/parameter combination must have at least 9 observations in each of at least 4 years.

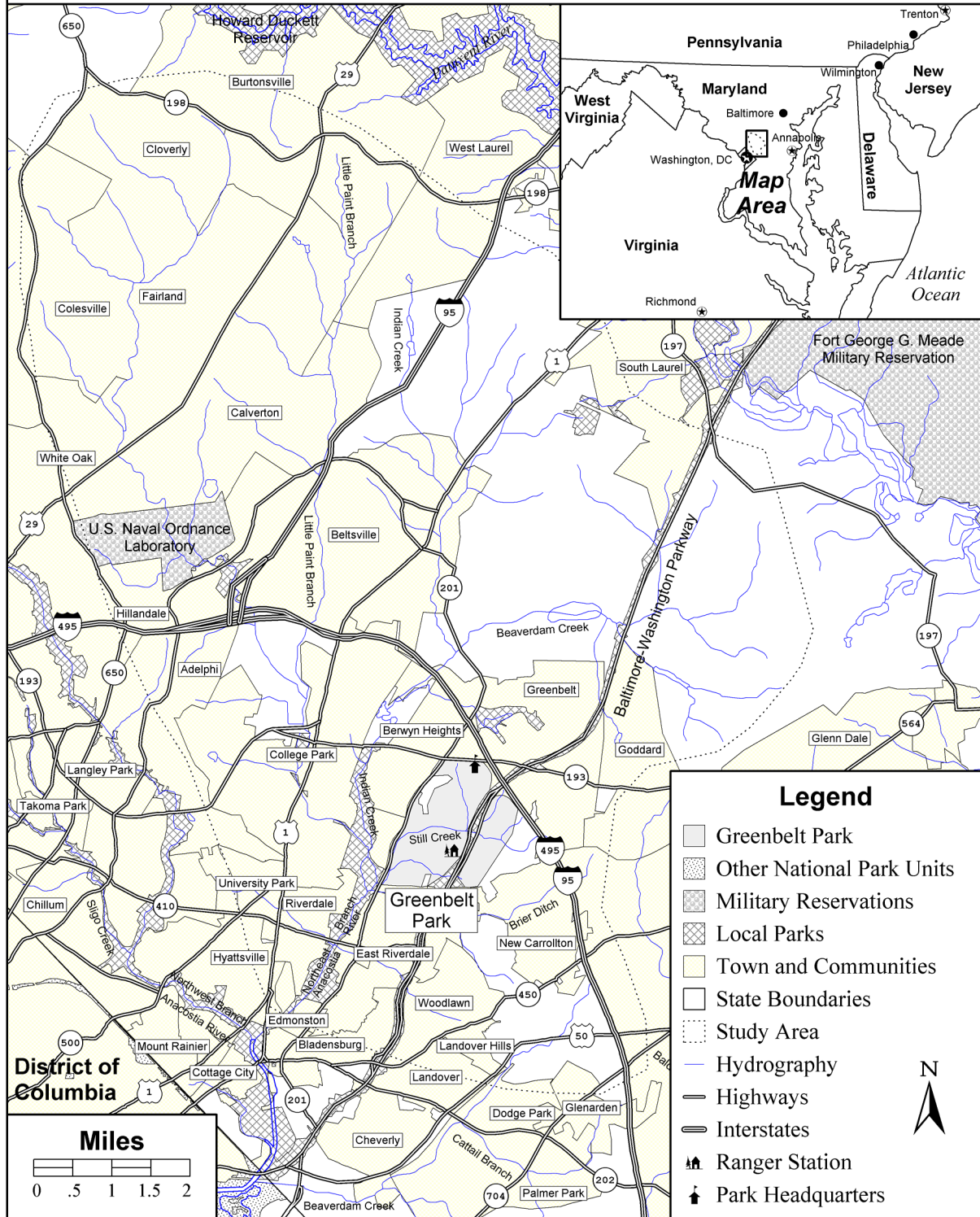
Seasonal Analysis Criteria:

To be included in the seasonal box-and-whisker plots, a station/parameter combination must have at least 9 observations in each of 2 seasons and a period of record of at least 12 years and observations in at least 4 of the 12 years.

To be included in the seasonal analysis tables, a station/parameter combination must have at least 9 observations in each of 2 seasons and a period of record of at least 6 years and observations in at least 3 of the 6 years.

Greenbelt Park

Regional Location Map

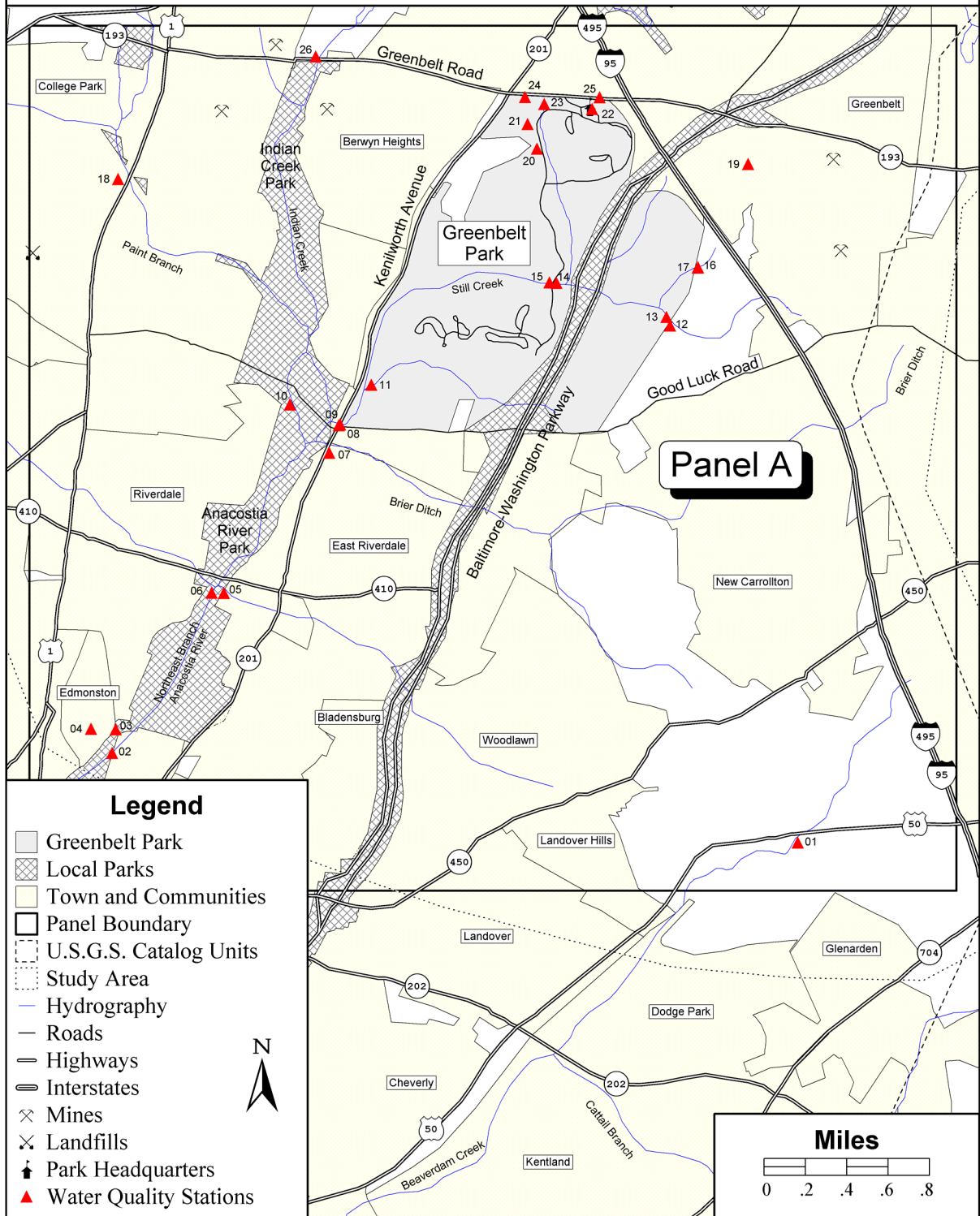


Graphic Panel Index



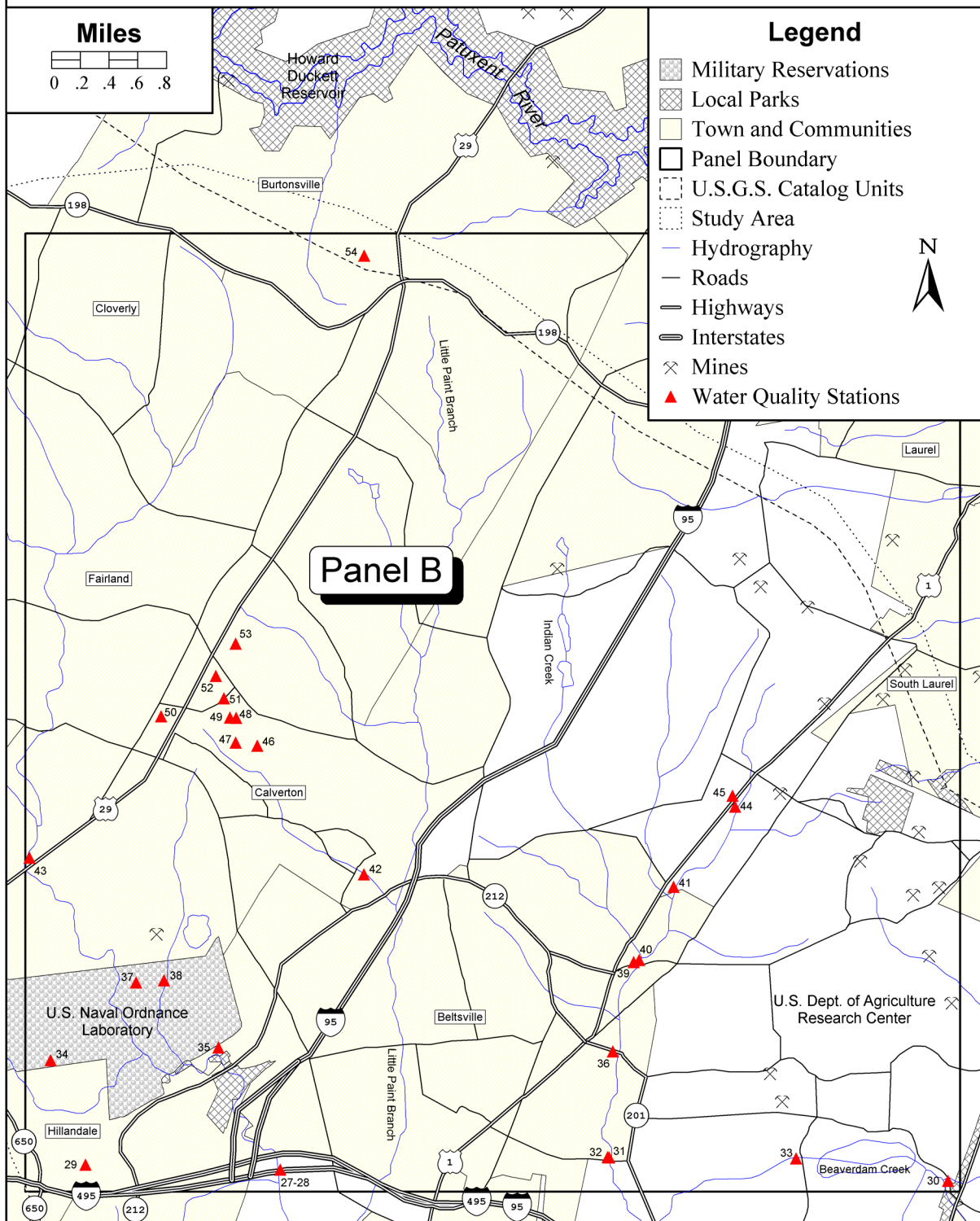
Greenbelt Park

Water Quality Monitoring Locations



Greenbelt Park

Water Quality Monitoring Locations



Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



Industrial Facility Discharges, Drinking Water Intakes, Water Gages, and Water Impoundments Within the GREE Study Area

Industrial Facility Discharges

<u>Site ID</u>	<u>Station/Facility Name</u>	<u>Address</u>	<u>City</u>	<u>Facility Receiving Water Name</u>
MD0002283	US NAVAL SURF WARFARE CTR.	WHITE OAK LAB	SILVER SPRING	PAINT BRANCH
MD0003425	MINERAL PIGMENTS CORP BLTVILLE	7011 MUIRKIRK RD.	BELTSVILLE	INDIAN CRK TRIB
MD0003549	TECFAB OF MD DIV OF CON PLANK	10800 HANNA ST	BELTSVILLE	INDIAN CRK TRIB
MD0021695	WASH SUB SAN COMM PAINT BR INT	4017 HAMILTON ST	HYATTSVILLE	PAINT BRANCH CREEK
MD0050911	THE OAKS	11711 OLD COLUMBIA PIKE	SILVER SPRING	PAINT BRANCH C
MD0054097	GREENBRIAR ON SITE PUMPING STA	HANOVER PARKWAY	GREENBELT	WESTERN BRANCH OF POTOMAC
MD0054691	C&P TELEPHONE CO.	5151 OLD BRANCHVILLE RD	HYATTSVILLE	TR TO INDIAN C
MD0056430	US METAL FORMS & TUBES INC	12500 CONWAY RD	MUIRKIRK	INDIAN C
MD0061166	PRESSURE SCIENCE INC.	11642 BALTIMORE PIKE	BELTSVILLE	INDIAN CR TO NW BRANCH
MD0063801	U. OF MD. SERVICE BLDG.			
MD0065099	NAZARIO CONSTRUCTION COMPANY,			
MD0065609	SMITH, A H ASSOCIATES LTD.PART			
MD0065625	MD STATE MILITARY FACILITY			

Drinking Water Intakes

<u>Site ID</u>	<u>Station/Facility Name</u>	<u>City</u>	<u>Population Served</u>	<u>Avg. Daily Production (Gal./Day)</u>
24455401510000P2	LAUREL TREATMT PLNT	HYATTSVILLE	1300000	0000.00

Water Gages

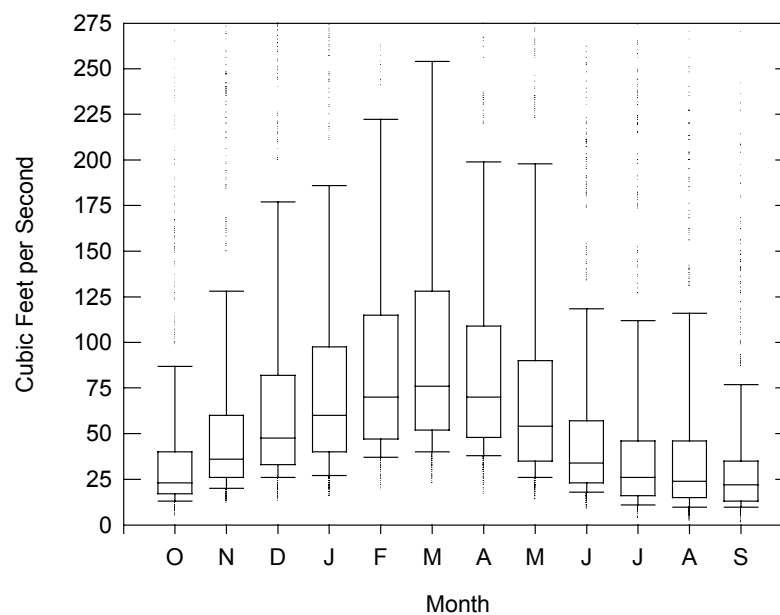
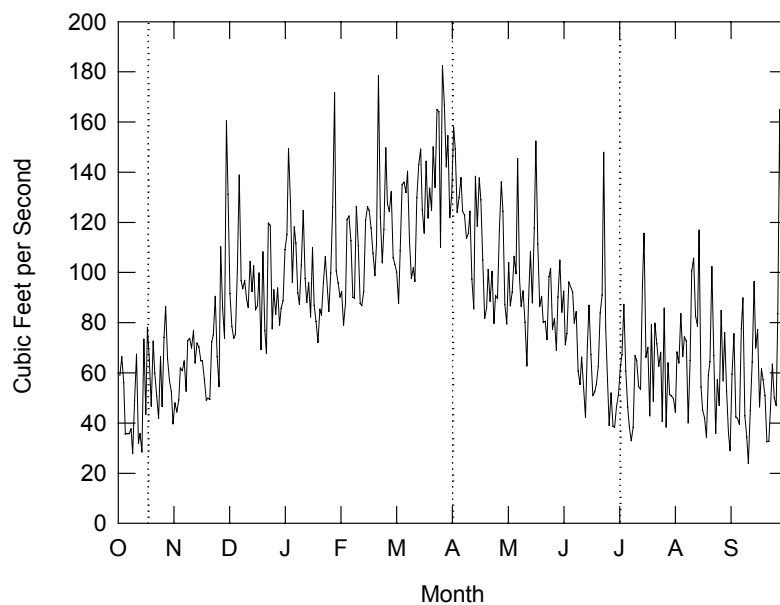
<u>Site ID</u>	<u>Station Name</u>	<u>Site Type</u>	<u>Drainage Area (Square Miles)</u>	<u>Begin Year</u>	<u>End Year</u>
USGS01649500	NE B ANACOSTIA R AT RIVERDALE, MD	Stream	72.80	1939	1997
USGS390151076561501	PG BC 16	Well		1962	1997

Water Impoundments

<u>Site ID</u>	<u>Impoundment Name</u>	<u>Owner</u>	<u>Primary Purpose</u>	<u>Type of Dam</u>	<u>Downstream Hazard</u>	<u>Year Completed</u>
MD00008	GREENBELT DAM	CITY OF GREENBELT	Rec.	Earth	Low	1936
MD00081	CONTEE MAIN SETTLING POND DAM	CONTEE SAND & GRAVEL CO	Other	Earth	High	1957
MD00111	SOIL CONSERVATION SERVICE LAKE	USDA SCS	Irrig.	Earth	Low	1939

REPRESENTATIVE MEAN ANNUAL HYDROGRAPH FOR SEASONAL ANALYSIS

GREENBELT PARK
NE Branch Anacostia River at Riverdale, MD
01649500, 56 year record



Representative mean annual hydrograph (top) and distribution of daily flows by month (bottom) for hydrologic season determination. Box and whiskers represent a five number summary; bottom whisker cap is 10th percentile, bottom of box is 25th percentile, internal line is median, top of box is 75th percentile, and top whisker is 90th percentile. Hydrologic seasons for Greenbelt Park are: Jul. 1 to Oct. 14, Oct. 15 to Mar. 31, and Apr. 1 to Jun. 30.

CONTACTS FOR AGENCY CODES RETRIEVED FOR GREE

<u>AGENCY</u>	<u>PRIMARY CONTACT NAME</u>	<u>ORGANIZATION</u>	<u>PHONE NUMBER(S)</u>
21MDPGHD	STORET USER ASSISTANCE	USEPA HQ	(202)260-7050 (800)424-9067
* DATA FOR 21MDPGHD HAS BEEN 'RETIRED' AT THE REQUEST OF STORET USER ASSISTANCE (703)883-8861 ON 03/14/86.			
31POTOMA	HAYWOOD, CARLTON	INTRSTAT COMM POTOMAC RVR	(301)984-1908
1113AAWQ	KANETSKY, CHARLES	USEPA REGION 3	(215)597-8176
11121ZWQ	KANETSKY, CHARLES	USEPA REGION 3	(215)597-8176
112WRD	BRIGGS, JOHN	US GEOLOGICAL SURVEY	(703)648-5624
11NPSWRD	TUCKER, DEAN	NATIONAL PARK SERVICE	(970)225-3516 (970)225-3518
11TRAIN	HOELMAN, LOUIS	USEPA HQ	(202)260-7050
EXAMPLE	HOELMAN, LOUIS	USEPA HQ	(202)260-7050
21MDEXP	BOSTATER, CHARLES	MARYLAND DEPT OF NAT RES	(301)269-3767
21MDMONT	AMBUSH, SANDY	MONTGOMERY CO DIV ENV PLN	(301)317-2445 (301)217-1629

QUANTITY OF DATA RETRIEVED FOR GREE BY AGENCY CODE
WITHIN THE ENTIRE STUDY AREA (S.A.) AND JUST WITHIN THE PARK

Agency	Organization	Period of Record		Water Quality Stations		Longer Term ¹ Stations		No Data Stations		Water Quality Observations		Water Quality Parameters	
		Study Area	Park Only	S.A.	Park	S.A.	Park	S.A.	Park	S.A.	Park	S.A.	Park
21MDPGHD	USEPA HQ	02/28/73-01/20/81	No Data in Park	12	0	12	0	0	0	3873	0	19	0
31POTOMA	INTRSTAT COMM POTOMAC RVR	05/20/70-01/27/76	No Data in Park	1	0	1	0	0	0	2115	0	17	0
1113AAWQ	USEPA REGION 3	04/30/70-12/15/70	No Data in Park	1	0	0	0	0	0	46	0	13	0
11121ZWQ	USEPA REGION 3	04/30/70-12/15/70	No Data in Park	1	0	0	0	0	0	46	0	13	0
112WRD	US GEOLOGICAL SURVEY	01/03/59-09/02/94	No Data in Park	2	0	1	0	0	0	2741	0	163	0
11NPSWRD	NATIONAL PARK SERVICE	06/12/81-04/30/84	06/12/81-04/30/84	16	11	9	6	0	0	3909	2544	9	9
11TRAIN	USEPA HQ	No Data in S.A.	No Data in Park	1	0	0	0	1	0	0	0	0	0
EXAMPLE	USEPA HQ	No Data in S.A.	No Data in Park	1	0	0	0	1	0	0	0	0	0
21MDEXP	MARYLAND DEPT OF NAT RES	No Data in S.A.	No Data in Park	6	0	0	0	6	0	0	0	0	0
21MDMONT	MONTGOMERY CO DIV ENV PLN	01/20/70-06/04/91	No Data in Park	13	0	12	0	0	0	19022	0	70	0
Totals		01/03/59-09/02/94	06/12/81-04/30/84	54	11	35	6	8	0	31752	2544	218	9

¹Station With At Least 6 Parameters Having An Average of 1 Or More Observations Per Year During a Period of Record Extending At Least 2 Years.

Station Period of Record Tabulation From 01/03/59 To 09/02/94

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 09/02/94	01/01/75 to 12/31/84	Before 01/01/75
GREE0001 ¹	BEAVERDAM C-ARDMORE ARDWICK RD	No	390	0	301	89
GREE0002 ¹	DECATUR ROAD BRIDGE, D.C.	No	2115	0	380	1735
GREE0003 ¹	NORTHEAST BRANCH DECATUR ST.BR.	No	46	0	0	46
GREE0004 ¹	NE BRH ANACOSTIA R AT DECATUR ST	No	46	0	0	46
GREE0005 ¹	NE BR HYATSVILLE E-W HWY	No	313	0	258	55
GREE0006 ¹	NE B ANACOSTIA R AT RIVERDALE, MD	No	2664	91	1625	948
GREE0007 ¹	BRIAR DITCH RIVERDARDALE KENILWR	No	319	0	259	60
GREE0008 ¹	STILL CREEK AT GOODLUCK ROAD AND KENILWORTH AVE.	Yes	449	0	449	0
GREE0009 ¹	DEEP CREEK .5 MILE NORTHWEST OF WIRT JUNIOR HIGH	Yes	18	0	18	0
GREE0010 ¹	NE BR RIVERDALE US CALVERT RD	No	317	0	262	55
GREE0011 ¹	DEEP CREEK 1/2 MILE NORTH OF WIRT JUNIOR HIGH	Yes	19	0	19	0
GREE0012 ¹	STILL RUN 1/2 MILE NORTH OF LAMONT SCHOOL	No	14	0	14	0
GREE0013 ¹	STILL CREEK ON WEST SIDE OF NASHVILLE ROAD	Yes	429	0	429	0
GREE0014 ¹	STILL RUN 3/4 MILE NORTHWEST OF LAMONT SCHOOL	Yes	17	0	17	0
GREE0015 ¹	STILL CREEK AT WEST SIDE OF PARK CENTRAL ROAD	Yes	448	0	448	0
GREE0016 ¹	STILL RUN 3/4 MILE NORTH OF LAMONT SCHOOL	No	12	0	12	0
GREE0017 ¹	STILL CREEK ON WEST SIDE OF KEPNER ROAD	No	451	0	451	0
GREE0018 ¹	L PAINT BR COLL PK US RT 1	No	309	0	249	60
GREE0019 ¹	TRIBUTARY OF STILL CREEK AT GODDARD VILLAGE	No	449	0	449	0
GREE0020 ¹	NORTH BRANCH STILL RUN SOUTH OF GREENBELT ROAD	Yes	13	0	13	0
GREE0021 ¹	NORTH BRANCH STILL CREEK WEST OF PARK CENTRAL RD	Yes	346	0	346	0
GREE0022 ¹	NORTH BRANCH STILL CREEK NEXT TO PROPANE TANK	Yes	444	0	444	0
GREE0023 ¹	NORTH BRANCH STILL RUN NEAR GREENBELT ROAD	Yes	21	0	21	0
GREE0024 ¹	NORTH BRANCH STILL CREEK WEST OF PARK ENTRANCE	Yes	340	0	340	0
GREE0025 ¹	NORTH BRANCH STILL CREEK EAST OF PARK ENTRANCE	No	439	0	439	0
GREE0026 ¹	INDIAN CK GREENBELT US GRENBLT R	No	307	0	247	60
GREE0027 ¹	PAINT B AT COLLEGE PARK, MD	No	77	77	0	0
GREE0028 ¹	PAINT B AT CO	No	0	0	0	0
GREE0029 ¹	SLIGO CREEK NEAR LOUIS'S JOGGING TRACK BRIDGE	No	0	0	0	0
GREE0030 ¹	BEAVERDAM C AG RSH CNTR BLTSVILL	No	325	0	265	60
GREE0031 ¹	INDIAN C BELTSVILLE SUNNYSIDE AV	No	318	0	258	60
GREE0032 ¹	SUNNYSIDE AVE. CROSSING	No	0	0	0	0
GREE0033 ¹	BEAVERDAM C AG RSCH C BELTSVILLE	No	310	0	250	60
GREE0034 ¹	PAINT BRANCH AT POWDER MILL ROAD	No	4042	1142	1974	926
GREE0035 ¹	PAINT BR-ADELPHI-POWDER MILL RD	No	319	0	259	60
GREE0036 ¹	POWDER MILL RD. CROSSING	No	0	0	0	0
GREE0037 ¹	PAINT BRANCH AT NOL	No	145	0	0	145
GREE0038 ¹	PAINT BR 2150 FT UPST FR PG CO.	No	1973	0	1125	848
GREE0039 ¹	ODELL ROAD CROSSING	No	0	0	0	0
GREE0040 ¹	INDIAN C BELTSVILLE US ODELL RD	No	326	0	266	60
GREE0041 ¹	AMMENDALE RD. CROSSING	No	0	0	0	0
GREE0042 ¹	L PAINT BR CALVERTON DS BLTSVILL	No	320	0	260	60
GREE0043 ¹	PAINT BRANCH BELOW OLD COLUMBIA PIKE (ABOVE)34E6	No	1208	350	858	0
GREE0044 ¹	1000 FT. BELOW MINERAL PIGMENTS OUTFALL	No	0	0	0	0
GREE0045 ¹	OPPOSITE OF MINERAL PIGMENTS CO. ACROSS RAILROAD	No	0	0	0	0
GREE0046 ¹	TRIB TO LTL PAINT ON PALERMO DR	No	989	0	770	219
GREE0047 ¹	TRIB TO LTL PAINT ON PRETORIA DR	No	1360	0	1023	337
GREE0048 ¹	DRY CK BED TO UNK TRIB TO LTL PT	No	645	0	530	115
GREE0049 ¹	UNK TRIB THRU FAIRLAND LANDFILL	No	1311	0	962	349
GREE0050 ¹	TRIB TO LTL PAINT ON BEXLEY TERR	No	1368	0	1025	343
GREE0051 ¹	UNK TRIB THRU FAIRLAND LANDFILL	No	981	0	767	214
GREE0052 ¹	UNK TRIB ALONG MARLOW ROAD	No	1347	0	1001	346
GREE0053 ¹	PAINT BRANCH AT FAIRLAND ROAD	No	2766	782	1039	945
GREE0054 ¹	PATUX TRIB BLW BURTONSVILLE ELEM	No	887	0	30	857

¹Longer Term Station With At Least 6 Parameters Having An Average of 1 Or More Observations Per Year During a Period of Record Extending At Least 2 Years.

**Parameter Period of Record Tabulation
From 01/03/59 To 09/02/94**

Parameter Code	Name	Total Obs	01/01/85 to 09/02/94	01/01/75 to 12/31/84	Before 01/01/75	Stations	
						Total	Park
00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	3	0	0	3	1	0
00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)	56	0	56	0	1	0
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	2713	99	1855	759	37	6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	993	98	552	343	13	0
00025	BAROMETRIC PRESSURE (MM OF HG)	2	2	0	0	2	0
00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	265	100	98	67	7	0
00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	303	90	146	67	7	0
00032	CLOUD COVER (PERCENT)	915	91	491	333	11	0
00049	SURFACE AREA IN SQUARE MILES	20	0	0	20	1	0
00060	FLOW, STREAM, MEAN DAILY CFS	41	0	0	41	2	0
00061	FLOW, STREAM, INSTANTANEOUS CFS	262	7	205	50	9	5
00065	STAGE, STREAM (FEET)	97	6	80	11	1	0
00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	60	0	0	60	1	0
00070	TURBIDITY, (JACKSON CANDLE UNITS)	100	0	1	99	5	0
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	586	0	268	318	12	0
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	217	0	217	0	10	0
00080	COLOR (PLATINUM-COBALT UNITS)	3	0	0	3	1	0
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	108	93	15	0	9	0
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	1288	53	1072	163	20	6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	663	92	550	21	16	6
00300	OXYGEN, DISSOLVED MG/L	1857	2	1045	810	29	0
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	756	10	497	249	12	0
00310	BOD, 5 DAY, 20 DEG C MG/L	1036	82	558	396	17	0
00311	BOD, DISSOLVED, 5 DAY MG/L	3	0	0	3	1	0
00319	BOD, ULTIMATE ALL STAGES, 20 DEG C MG/L	42	0	42	0	1	0
00320	BOD, ULTIMATE 1ST STAGE, 20 DEG C MG/L	12	0	12	0	1	0
00325	DEOXYGENATION CONST, K1 TO BASE E,20 DEG C,PER DAY	31	0	31	0	1	0
00335	COD, .025N K2CR2O7 MG/L	2	0	2	0	2	0
00400	PH (STANDARD UNITS)	1821	93	1043	685	26	0
00403	PH, LAB, STANDARD UNITS SU	1625	53	1192	380	24	6
00405	CARBON DIOXIDE (MG/L AS CO2)	5	0	0	5	1	0
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	251	1	51	199	3	0
00430	ALKALINITY, CARBONATE (MG/L AS CaCO3)	2	0	2	0	2	0
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	1	0	0	1	1	0
00440	BICARBONATE ION (MG/L AS HCO3)	5	0	0	5	1	0
00445	CARBONATE ION (MG/L AS CO3)	5	0	0	5	1	0
00453	BICARBONATE, WATER, DISS, INCR TIT, FIELD, AS HCO3, MG/L	1	1	0	0	1	0
00500	RESIDUE, TOTAL (MG/L)	571	2	489	80	10	0
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	93	49	44	0	2	0
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	761	82	665	14	27	11
00600	NITROGEN, TOTAL (MG/L AS N)	23	0	23	0	1	0
00602	NITROGEN, DISSOLVED (MG/L AS N)	20	0	20	0	1	0
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	24	0	24	0	1	0
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	12	0	12	0	1	0
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	116	81	35	0	5	0
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	42	3	28	11	6	0
00612	AMMONIA, UNIONIZED (MG/L AS N)	4	4	0	0	2	0
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	5	4	1	0	2	0
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	166	49	116	1	3	0
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	5	0	1	4	1	0
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	217	95	119	3	7	0
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	21	1	20	0	2	0
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	20	0	20	0	1	0
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	135	83	35	17	6	0
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	871	36	508	327	15	0
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	24	4	20	0	2	0
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	817	0	432	385	14	0
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	6	0	0	6	2	0
00665	PHOSPHORUS, TOTAL (MG/L AS P)	117	83	30	4	3	0
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	105	78	25	2	5	0
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	76	76	0	0	4	0
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	77	49	24	4	4	0
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	4	0	0	4	1	0
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	5	0	0	5	1	0
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	5	0	0	5	1	0
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	9	4	0	5	2	0
00916	CALCIUM, TOTAL (MG/L AS Ca)	91	50	41	0	2	0
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	9	4	0	5	2	0
00930	SODIUM, DISSOLVED (MG/L AS Na)	9	4	0	5	2	0
00931	SODIUM ADSORPTION RATIO	5	0	0	5	1	0
00932	SODIUM, PERCENT	5	0	0	5	1	0

**Parameter Period of Record Tabulation
From 01/03/59 To 09/02/94**

Parameter Code	Name	Total Obs	01/01/85 to 09/02/94	01/01/75 to 12/31/84	Before 01/01/75	Stations	
						Total	Park
00935	POTASSIUM, DISSOLVED (MG/L AS K)	9	4	0	5	2	0
00940	CHLORIDE, TOTAL IN WATER MG/L	773	54	436	283	12	0
00945	SULFATE, TOTAL (MG/L AS SO4)	11	4	2	5	4	0
00950	FLUORIDE, DISSOLVED (MG/L AS F)	8	3	0	5	2	0
00951	FLUORIDE, TOTAL (MG/L AS F)	23	0	23	0	2	0
00955	SILICA, DISSOLVED (MG/L AS SI02)	60	36	19	5	4	0
01000	ARSENIC, DISSOLVED (UG/L AS AS)	69	0	69	0	12	0
01002	ARSENIC, TOTAL (UG/L AS AS)	20	0	20	0	4	0
01007	BARIUM, TOTAL (UG/L AS BA)	26	0	26	0	4	0
01025	CADMIUM, DISSOLVED (UG/L AS CD)	3	0	0	3	1	0
01027	CADMIUM, TOTAL (UG/L AS CD)	361	50	242	69	9	0
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	2	0	0	2	1	0
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	1	0	0	1	1	0
01034	CHROMIUM, TOTAL (UG/L AS CR)	170	0	169	1	7	0
01035	COBALT, DISSOLVED (UG/L AS CO)	4	0	4	0	2	0
01040	COPPER, DISSOLVED (UG/L AS CU)	3	0	0	3	1	0
01042	COPPER, TOTAL (UG/L AS CU)	299	50	180	69	9	0
01045	IRON, TOTAL (UG/L AS FE)	2	0	0	2	1	0
01046	IRON, DISSOLVED (UG/L AS FE)	7	4	0	3	2	0
01049	LEAD, DISSOLVED (UG/L AS PB)	3	0	0	3	1	0
01051	LEAD, TOTAL (UG/L AS PB)	369	50	250	69	11	0
01055	MANGANESE, TOTAL (UG/L AS MN)	2	0	0	2	1	0
01056	MANGANESE, DISSOLVED (UG/L AS MN)	7	4	0	3	2	0
01067	NICKEL, TOTAL (UG/L AS NI)	30	0	30	0	6	0
01075	SILVER, DISSOLVED (UG/L AS AG)	205	0	137	68	6	0
01077	SILVER, TOTAL (UG/L AS AG)	26	0	26	0	4	0
01090	ZINC, DISSOLVED (UG/L AS ZN)	3	0	0	3	1	0
01092	ZINC, TOTAL (UG/L AS ZN)	362	49	244	69	9	0
01105	ALUMINUM, TOTAL (UG/L AS AL)	1	0	0	1	1	0
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	3	0	0	3	1	0
01147	SELENIUM, TOTAL (UG/L AS SE)	26	0	26	0	4	0
01350	TURBIDITY (SEVERITY)	791	1	461	329	11	0
01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	776	1	490	285	11	0
04024	PROPACHLOR, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	1	1	0	0	1	0
04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	1	1	0	0	1	0
04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	1	1	0	0	1	0
04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	1	1	0	0	1	0
04040	DEETHYL ATRAZINE, DISSOLVED, WATER, TOT REC UG/L	1	1	0	0	1	0
04041	CYANAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	1	1	0	0	1	0
04095	FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	1	1	0	0	1	0
07000	TRITIUM (1H3), TOTAL (PICOCURIES/LITER)	2	0	2	0	2	0
30000	DIMETHOATE, SOIL, RECOVERABLE MG/KG	69	0	69	0	12	0
31501	COLIFORM, TOT, MEMBRANE FILTER, IMMED. M-ENDO MED, 35C	398	0	398	0	12	0
31505	COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	753	132	303	318	24	0
31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	771	0	393	378	12	0
31515	INVALID PARM	97	0	87	10	12	0
31613	FECAL COLIFORM, MEMBR FILTER, M-FC AGAR, 44.5C, 24HR	446	0	446	0	9	6
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	772	0	391	381	13	0
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	1176	82	764	330	25	0
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	56	0	0	56	2	0
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	1	1	0	0	1	0
31677	FECAL STREPTOCOCCI, MPN, AD-EVA, 35C (TUBE 31678)	12	0	12	0	2	0
31679	FECAL STREPTOCOCCI, MF M-ENTEROCOCCUS AGAR, 35C, 48H	10	0	0	10	1	0
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	5	0	5	0	1	0
32210	CHLOROPHYLL A UG/L TRICHROMATIC UNCORRECTED	4	0	0	4	1	0
32211	CHLOROPHYLL A UG/L SPECTROPHOTOMETRIC ACID. METH.	8	0	8	0	1	0
32213	PHEOPHYTIN-A, FLUORIMETRIC METHOD (UG/L)	5	0	5	0	1	0
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	5	0	5	0	1	0
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	8	0	8	0	1	0
32230	CHLOROPHYLL A (MG/L)	12	0	8	4	2	0
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	14	0	0	14	2	0
34253	A-BHC-ALPHA DISSUG/L	1	1	0	0	1	0
34653	P,P'-DDE DISSUG/L	1	1	0	0	1	0
38933	CHLORPYRIFOS, DISSOLVED UG/L	1	1	0	0	1	0
39086	ALKALINITY, WATER, DISS, INCR TIT, FIELD, AS CaCO3, MG/L	3	3	0	0	2	0
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	2	0	2	0	2	0
39341	GAMMA-BHC (LINDANE), DISSOLVED, UG/L	1	1	0	0	1	0
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	1	1	0	0	1	0
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	2	0	2	0	2	0
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	2	0	2	0	2	0
39415	METOLACHLOR, WATER, DISSOLVED UG/L	1	1	0	0	1	0

**Parameter Period of Record Tabulation
From 01/03/59 To 09/02/94**

Parameter Code	Name	Total Obs	01/01/85 to 09/02/94	01/01/75 to 12/31/84	Before 01/01/75	Stations	
						Total	Park
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	2	0	2	0	2	0
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	2	0	2	0	2	0
39532	MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	1	1	0	0	1	0
39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	1	1	0	0	1	0
39572	DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	1	1	0	0	1	0
39632	ATRAZINE DISSOLVED IN WATER PPB	1	1	0	0	1	0
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	2	0	2	0	2	0
40000	INVALID PARAMETER	61	0	61	0	12	0
46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	1	1	0	0	1	0
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	5	0	4	1	1	0
50531	BENZENE, 1,2-PROPADIENYL- UG/L	67	0	67	0	12	0
60050	ALGAE, TOTAL (CELLS/ML)	14	0	14	0	1	0
61500	MERCURY SLUDGE SOLID FRACTN, DRY WT, MG/KG	69	0	69	0	12	0
70299	SOLIDS, SUSP. - RESIDUE ON EVAP. AT 180 C (MG/L)	7	0	0	7	3	0
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	10	3	2	5	4	0
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	5	0	0	5	1	0
70302	SOLIDS, DISSOLVED-TONS PER DAY	9	0	4	5	1	0
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	5	0	0	5	1	0
70331	SUSPENDED SED SIEVE DIAMETER, % FINER THAN .062MM	12	0	12	0	1	0
70332	SUSPENDED SED SIEVE DIAMETER, % FINER THAN .125MM	11	0	11	0	1	0
70333	SUSPENDED SED SIEVE DIAMETER, % FINER THAN .250MM	11	0	11	0	1	0
70334	SUSPENDED SED SIEVE DIAMETER, % FINER THAN .500MM	11	0	11	0	1	0
70335	SUSPENDED SED SIEVE DIAMETER, % FINER THAN 1.00MM	8	0	8	0	1	0
70336	SUSPENDED SED SIEVE DIAMETER, % FINER THAN 2.00MM	4	0	4	0	1	0
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	11	0	11	0	1	0
70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	11	0	11	0	1	0
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	11	0	11	0	1	0
70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	11	0	11	0	1	0
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	155	49	106	0	2	0
71825	ACIDITY, TOTAL (MG/L AS H)	1	0	0	1	1	0
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	14	0	14	0	1	0
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	11	0	11	0	1	0
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	5	0	1	4	1	0
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	1	0	1	0	1	0
71885	IRON (UG/L AS FE)	10	0	10	0	2	0
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	85	0	81	4	12	0
71887	NITROGEN, TOTAL, AS NO3 - MG/L	23	0	23	0	1	0
71890	MERCURY, DISSOLVED (UG/L AS HG)	18	0	18	0	2	0
71900	MERCURY, TOTAL (UG/L AS HG)	199	0	131	68	6	0
72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	159	0	72	87	1	0
74010	IRON, TOTAL (MG/L AS FE)	387	0	319	68	9	0
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	80	1	58	21	2	0
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	79	0	58	21	1	0
81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	145	0	78	67	7	4
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	221	0	221	0	9	6
82133	DEOXYGENATION CONST, CARB., K1 TO BASE E, 20C, PER DAY	31	0	31	0	1	0
82398	SAMPLING METHOD (CODES)	14	0	14	0	1	0
82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	1	1	0	0	1	0
82660	DIETHYLANILINE, 2, 6-, 0.7UM FILT, TOT RECV, WTR UG/L	1	1	0	0	1	0
82661	TRIFLURALINE, 0.7UM FILT, TOT RECV, WATER UG/L	1	1	0	0	1	0
82662	DIMETHOATE, 0.7 UM FILT, TOT RECV, WATER UG/L	1	1	0	0	1	0
82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	1	1	0	0	1	0
82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	1	1	0	0	1	0
82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	1	1	0	0	1	0
82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	1	1	0	0	1	0
82667	METHYL PARATHION, 0.7 UM FILT, TOT RECV, WATER UG/L	1	1	0	0	1	0
82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	1	1	0	0	1	0
82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	1	1	0	0	1	0
82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	1	1	0	0	1	0
82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	1	1	0	0	1	0
82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	1	1	0	0	1	0
82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	1	1	0	0	1	0
82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	1	1	0	0	1	0
82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	1	1	0	0	1	0
82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	1	1	0	0	1	0
82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	1	1	0	0	1	0
82678	TRIALATE, 0.7 UM FILT, TOT RECV, WATER UG/L	1	1	0	0	1	0
82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	1	1	0	0	1	0
82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	1	1	0	0	1	0
82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	1	1	0	0	1	0
82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	1	1	0	0	1	0

**Parameter Period of Record Tabulation
From 01/03/59 To 09/02/94**

Parameter Code	Name	Total Obs	01/01/85 to 09/02/94	01/01/75 to 12/31/84	Before 01/01/75	Stations	
						Total	Park
82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	1	1	0	0	1	0
82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	1	1	0	0	1	0
82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	1	1	0	0	1	0
82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	1	1	0	0	1	0
82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	1	1	0	0	1	0

Station/Parameter Period of Record Tabulation **From 01/03/59 To 09/02/94**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
GREE0006	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	12/13/72-12/06/73	0	3	
GREE0006	No	00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)	06/30/79-08/12/81	2	56	
GREE0001	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/24/73-01/20/81	7	64	
GREE0002	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/70-01/27/76	5	243	
GREE0003	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/30/70-12/15/70	0	4	
GREE0004	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/30/70-12/15/70	0	4	
GREE0005	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/03/80	6	58	
GREE0006	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/59-09/02/94	35	195	
GREE0007	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/03/80	6	59	
GREE0008	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/81-04/30/84	2	82	
GREE0010	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/03/80	6	59	
GREE0013	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/13/81-04/30/84	2	80	
GREE0015	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/81-04/30/84	2	82	
GREE0017	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/81-04/30/84	2	82	
GREE0018	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-08/06/80	6	57	
GREE0019	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/13/81-04/30/84	2	81	
GREE0021	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/01/82-04/30/84	2	58	
GREE0022	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/81-04/30/84	2	81	
GREE0024	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/81-04/30/84	2	60	
GREE0025	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/81-04/30/84	2	81	
GREE0026	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-10/08/80	6	57	
GREE0027	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/94-08/24/94	0	1	
GREE0030	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-01/06/81	7	61	
GREE0031	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	6	59	
GREE0033	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	6	58	
GREE0034	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/71-06/04/91	20	197	
GREE0035	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	6	59	
GREE0038	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/11/72-11/03/81	9	120	
GREE0040	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	6	60	
GREE0042	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	6	59	
GREE0046	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/16/73-12/01/80	7	46	
GREE0047	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/04/73-08/02/84	10	45	
GREE0048	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/21/73-12/01/80	6	30	
GREE0049	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/16/73-12/01/80	7	45	
GREE0050	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/16/73-08/02/84	10	47	
GREE0051	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/16/73-12/01/80	7	46	
GREE0052	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/16/73-12/01/80	7	47	
GREE0053	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/71-06/04/91	20	193	
GREE0054	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/11/72-07/15/75	3	53	
GREE0006	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/17/74-09/02/94	19	94	
GREE0027	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/24/94-08/24/94	0	1	
GREE0034	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/25/71-06/04/91	20	198	
GREE0038	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/11/72-11/03/81	9	123	
GREE0046	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/16/73-12/01/80	7	48	
GREE0047	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/04/73-08/02/84	10	47	
GREE0048	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/16/73-12/01/80	7	42	
GREE0049	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/16/73-12/01/80	7	46	
GREE0050	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/16/73-08/02/84	10	49	
GREE0051	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/16/73-12/01/80	7	48	
GREE0052	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/16/73-12/01/80	7	48	
GREE0053	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/14/71-06/04/91	20	196	
GREE0054	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/11/72-07/15/75	3	53	
GREE0006	No	00025	BAROMETRIC PRESSURE (MM OF HG)	06/02/92-06/02/92	0	1	
GREE0027	No	00025	BAROMETRIC PRESSURE (MM OF HG)	08/24/94-08/24/94	0	1	
GREE0006	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	07/16/69-09/02/94	25	167	
GREE0027	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/24/94-08/24/94	0	1	
GREE0034	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/13/84-06/04/91	6	49	
GREE0043	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/13/84-08/13/84	0	1	
GREE0047	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/02/84-08/02/84	0	1	
GREE0050	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/02/84-08/02/84	0	1	
GREE0053	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/10/88-06/04/91	3	45	
GREE0006	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/16/69-09/02/94	25	194	
GREE0027	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/24/94-08/24/94	0	1	
GREE0034	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/14/83-12/11/90	7	52	
GREE0043	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/14/83-09/10/84	0	12	
GREE0047	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/02/84-08/02/84	0	1	
GREE0050	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/02/84-08/02/84	0	1	
GREE0053	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/10/88-12/11/90	2	42	
GREE0034	No	00032	CLOUD COVER (PERCENT)	01/25/71-06/04/91	20	197	
GREE0038	No	00032	CLOUD COVER (PERCENT)	01/11/72-01/25/82	10	124	
GREE0046	No	00032	CLOUD COVER (PERCENT)	11/16/73-12/01/80	7	50	
GREE0047	No	00032	CLOUD COVER (PERCENT)	12/04/73-08/02/84	10	49	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation **From 01/03/59 To 09/02/94**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
GREE0048	No	00032	CLOUD COVER (PERCENT)	11/16/73-12/01/80	7	44	
GREE0049	No	00032	CLOUD COVER (PERCENT)	11/16/73-12/01/80	7	49	
GREE0050	No	00032	CLOUD COVER (PERCENT)	11/16/73-08/02/84	10	51	
GREE0051	No	00032	CLOUD COVER (PERCENT)	11/16/73-12/01/80	7	50	
GREE0052	No	00032	CLOUD COVER (PERCENT)	11/16/73-12/01/80	7	50	
GREE0053	No	00032	CLOUD COVER (PERCENT)	01/14/71-06/04/91	20	198	
GREE0054	No	00032	CLOUD COVER (PERCENT)	01/11/72-07/15/75	3	53	
GREE0006	No	00049	SURFACE AREA IN SQUARE MILES	01/03/59-08/26/61	2	20	
GREE0002	No	00060	FLOW, STREAM, MEAN DAILY CFS	02/29/72-03/14/72	0	2	
GREE0006	No	00060	FLOW, STREAM, MEAN DAILY CFS	07/16/69-09/20/72	3	39	
GREE0006	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/03/59-09/02/94	35	199	
GREE0009	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/01/83-04/29/83	0	11	
GREE0011	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/01/83-04/29/83	0	12	
GREE0012	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/01/83-04/29/83	0	7	
GREE0014	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/01/83-04/29/83	0	8	
GREE0016	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/01/83-04/29/83	0	6	
GREE0020	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/15/83-04/29/83	0	8	
GREE0023	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/01/83-04/29/83	0	10	
GREE0027	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/24/94-08/24/94	0	1	
GREE0006	No	00065	STAGE, STREAM (FEET)	10/17/74-09/02/94	19	97	
GREE0002	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	05/20/70-09/15/71	1	60	
GREE0001	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/08/75-01/08/75	0	1	
GREE0002	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/20/70-05/20/74	4	87	
GREE0003	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/30/70-12/15/70	0	4	
GREE0004	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/30/70-12/15/70	0	4	
GREE0006	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/20/72-12/06/73	1	4	
GREE0034	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	01/11/72-11/11/77	5	78	
GREE0037	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	11/24/71-12/28/71	0	2	
GREE0038	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	11/24/71-11/11/77	5	78	
GREE0046	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	11/16/73-12/12/77	4	46	
GREE0047	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	11/16/73-12/12/77	4	46	
GREE0048	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	12/21/73-11/28/77	3	25	
GREE0049	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	11/16/73-12/12/77	4	45	
GREE0050	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	11/16/73-12/12/77	4	46	
GREE0051	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	11/16/73-12/12/77	4	45	
GREE0052	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	11/16/73-12/12/77	4	46	
GREE0053	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	01/11/72-11/11/77	5	74	
GREE0054	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	11/24/71-07/15/75	3	55	
GREE0034	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/03/78-04/07/81	3	41	
GREE0038	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/03/78-11/03/81	3	46	
GREE0046	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/16/78-12/01/80	2	13	
GREE0047	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/16/78-12/01/80	2	13	
GREE0048	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/16/78-12/01/80	2	9	
GREE0049	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/16/78-12/01/80	2	13	
GREE0050	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/16/78-12/01/80	2	13	
GREE0051	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/16/78-12/01/80	2	13	
GREE0052	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/16/78-12/01/80	2	13	
GREE0053	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/03/78-11/03/81	3	43	
GREE0006	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/20/72-03/09/73	0	3	
GREE0034	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/14/85-06/04/91	6	48	
GREE0046	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	11/16/76-12/14/76	0	2	
GREE0047	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	11/16/76-08/02/84	7	3	
GREE0048	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	12/14/76-12/14/76	0	1	
GREE0049	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	11/16/76-12/14/76	0	2	
GREE0050	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	11/16/76-08/02/84	7	3	
GREE0051	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	11/16/76-12/14/76	0	2	
GREE0052	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	11/16/76-12/14/76	0	2	
GREE0053	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/10/88-06/04/91	3	45	
GREE0006	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/19/63-09/02/94	31	81	T,S
GREE0008	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/81-04/30/84	2	81	
GREE0013	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/81-04/30/84	2	80	
GREE0015	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/81-04/30/84	2	81	
GREE0017	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/81-04/30/84	2	81	
GREE0019	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/81-04/30/84	2	81	
GREE0021	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/01/82-04/30/84	2	59	
GREE0022	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/81-04/30/84	2	80	
GREE0024	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/19/81-04/30/84	2	61	
GREE0025	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/81-04/30/84	2	79	
GREE0027	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/94-08/24/94	0	1	
GREE0034	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/20/80-03/02/87	6	74	
GREE0043	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/80-03/02/87	6	75	
GREE0046	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/73-12/01/80	7	56	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 01/03/59 To 09/02/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
GREE0047	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/73-12/01/80	7	58	
GREE0048	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/21/73-12/01/80	6	34	
GREE0049	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/73-12/01/80	7	56	
GREE0050	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/73-12/01/80	7	58	
GREE0051	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/73-12/01/80	7	55	
GREE0052	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/73-12/01/80	7	57	
GREE0008	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/12/81-04/30/84	2	66	
GREE0013	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/15/81-04/30/84	2	53	
GREE0015	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/12/81-04/30/84	2	67	
GREE0017	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/12/81-04/30/84	2	65	
GREE0019	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/15/81-04/30/84	2	66	
GREE0021	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/82-04/30/84	2	57	
GREE0022	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/15/81-04/30/84	2	60	
GREE0024	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/82-04/30/84	2	50	
GREE0025	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/12/81-04/30/84	2	64	
GREE0034	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/85-06/04/91	6	47	
GREE0037	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/15/70-05/25/71	0	9	
GREE0038	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/17/70-05/25/71	0	7	
GREE0047	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/02/84-08/02/84	0	1	
GREE0050	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/02/84-08/02/84	0	1	
GREE0053	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/10/88-06/04/91	3	45	
GREE0054	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/15/70-01/26/71	0	5	
GREE0001	No	00300	OXYGEN, DISSOLVED MG/L	04/24/73-01/20/81	7	67	
GREE0002	No	00300	OXYGEN, DISSOLVED MG/L	05/20/70-01/27/76	5	250	
GREE0003	No	00300	OXYGEN, DISSOLVED MG/L	04/30/70-12/15/70	0	4	
GREE0004	No	00300	OXYGEN, DISSOLVED MG/L	04/30/70-12/15/70	0	4	
GREE0005	No	00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/03/80	6	57	
GREE0006	No	00300	OXYGEN, DISSOLVED MG/L	07/16/69-06/02/92	22	56	T,S
GREE0007	No	00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/03/80	6	58	
GREE0010	No	00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/03/80	6	57	
GREE0018	No	00300	OXYGEN, DISSOLVED MG/L	12/18/73-08/06/80	6	55	
GREE0026	No	00300	OXYGEN, DISSOLVED MG/L	12/18/73-10/08/80	6	55	
GREE0027	No	00300	OXYGEN, DISSOLVED MG/L	08/24/94-08/24/94	0	1	
GREE0030	No	00300	OXYGEN, DISSOLVED MG/L	12/18/73-01/06/81	7	60	
GREE0031	No	00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/02/80	6	58	
GREE0033	No	00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/02/80	6	55	
GREE0034	No	00300	OXYGEN, DISSOLVED MG/L	01/25/71-04/07/81	10	148	A
GREE0035	No	00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/02/80	6	56	
GREE0037	No	00300	OXYGEN, DISSOLVED MG/L	01/28/70-12/28/71	1	22	
GREE0038	No	00300	OXYGEN, DISSOLVED MG/L	01/28/70-11/03/81	11	142	A
GREE0040	No	00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/02/80	6	59	
GREE0042	No	00300	OXYGEN, DISSOLVED MG/L	12/18/73-01/06/81	7	58	
GREE0046	No	00300	OXYGEN, DISSOLVED MG/L	11/16/73-12/01/80	7	47	
GREE0047	No	00300	OXYGEN, DISSOLVED MG/L	12/04/73-12/01/80	6	45	
GREE0048	No	00300	OXYGEN, DISSOLVED MG/L	12/21/73-12/01/80	6	30	
GREE0049	No	00300	OXYGEN, DISSOLVED MG/L	11/16/73-12/01/80	7	46	
GREE0050	No	00300	OXYGEN, DISSOLVED MG/L	11/16/73-12/01/80	7	47	
GREE0051	No	00300	OXYGEN, DISSOLVED MG/L	11/16/73-12/01/80	7	46	
GREE0052	No	00300	OXYGEN, DISSOLVED MG/L	11/16/73-12/01/80	7	48	
GREE0053	No	00300	OXYGEN, DISSOLVED MG/L	01/14/71-11/03/81	10	149	A
GREE0054	No	00300	OXYGEN, DISSOLVED MG/L	01/20/70-07/15/75	5	77	
GREE0002	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	05/20/70-01/27/76	5	250	
GREE0034	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/25/71-10/04/88	17	94	T,S
GREE0038	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/15/75-11/03/81	6	69	
GREE0046	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/26/75-12/01/80	5	37	
GREE0047	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/26/75-08/02/84	8	37	
GREE0048	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	11/10/75-12/01/80	5	25	
GREE0049	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/26/75-12/01/80	5	36	
GREE0050	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/26/75-08/02/84	8	38	
GREE0051	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/26/75-12/01/80	5	37	
GREE0052	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/26/75-12/01/80	5	38	
GREE0053	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/14/71-10/04/88	17	93	T,S
GREE0054	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/05/75-07/15/75	0	2	
GREE0001	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/08/74-02/03/75	1	8	
GREE0002	No	00310	BOD, 5 DAY, 20 DEG C MG/L	12/31/73-03/19/74	0	10	
GREE0004	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/08/70-12/15/70	0	3	
GREE0006	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/20/72-12/06/73	1	4	
GREE0034	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/11/72-12/11/90	18	192	T,A,S
GREE0037	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/28/70-12/28/71	1	22	
GREE0038	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/28/70-11/03/81	11	141	A
GREE0043	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/80-12/27/82	2	30	
GREE0046	No	00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/73-12/01/80	7	60	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 01/03/59 To 09/02/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
GREE0047	No	00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/73-08/02/84	10	60	
GREE0048	No	00310	BOD, 5 DAY, 20 DEG C MG/L	12/21/73-12/01/80	6	35	
GREE0049	No	00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/73-12/01/80	7	59	
GREE0050	No	00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/73-08/02/84	10	60	
GREE0051	No	00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/73-12/01/80	7	59	
GREE0052	No	00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/73-12/01/80	7	60	
GREE0053	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/11/72-12/11/90	18	157	T,A,S
GREE0054	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/20/70-07/15/75	5	76	
GREE0003	No	00311	BOD, DISSOLVED, 5 DAY MG/L	06/08/70-12/15/70	0	3	
GREE0006	No	00319	BOD, ULTIMATE ALL STAGES, 20 DEG C MG/L	06/30/79-08/12/81	2	42	
GREE0006	No	00320	BOD, ULTIMATE 1ST STAGE, 20 DEG C MG/L	08/13/79-06/10/81	1	12	
GREE0006	No	00325	DEOXYGENATION CONST, K1 TO BASE E,20 DEG C,PER DAY	06/30/79-08/12/81	2	31	
GREE0047	No	00335	COD, .025N K2CR2O7 MG/L	08/02/84-08/02/84	0	1	
GREE0050	No	00335	COD, .025N K2CR2O7 MG/L	08/02/84-08/02/84	0	1	
GREE0001	No	00400	PH (STANDARD UNITS)	04/24/73-01/20/81	7	66	
GREE0002	No	00400	PH (STANDARD UNITS)	05/20/70-01/27/76	5	237	
GREE0005	No	00400	PH (STANDARD UNITS)	12/18/73-12/03/80	6	54	
GREE0006	No	00400	PH (STANDARD UNITS)	08/19/63-09/02/94	31	60	T,S
GREE0007	No	00400	PH (STANDARD UNITS)	12/18/73-12/03/80	6	56	
GREE0010	No	00400	PH (STANDARD UNITS)	12/18/73-12/03/80	6	55	
GREE0018	No	00400	PH (STANDARD UNITS)	12/18/73-08/06/80	6	54	
GREE0026	No	00400	PH (STANDARD UNITS)	12/18/73-10/08/80	6	54	
GREE0027	No	00400	PH (STANDARD UNITS)	08/24/94-08/24/94	0	1	
GREE0030	No	00400	PH (STANDARD UNITS)	12/18/73-01/06/81	7	59	
GREE0031	No	00400	PH (STANDARD UNITS)	12/18/73-12/02/80	6	58	
GREE0033	No	00400	PH (STANDARD UNITS)	12/18/73-12/02/80	6	56	
GREE0034	No	00400	PH (STANDARD UNITS)	01/25/71-06/04/91	20	185	T,A,S
GREE0035	No	00400	PH (STANDARD UNITS)	12/18/73-12/02/80	6	58	
GREE0038	No	00400	PH (STANDARD UNITS)	01/28/72-11/03/81	9	112	
GREE0040	No	00400	PH (STANDARD UNITS)	12/18/73-12/02/80	6	59	
GREE0042	No	00400	PH (STANDARD UNITS)	12/18/73-01/06/81	7	59	
GREE0046	No	00400	PH (STANDARD UNITS)	11/16/73-12/01/80	7	47	
GREE0047	No	00400	PH (STANDARD UNITS)	12/04/73-08/02/84	10	46	
GREE0048	No	00400	PH (STANDARD UNITS)	12/21/73-12/01/80	6	30	
GREE0049	No	00400	PH (STANDARD UNITS)	11/16/73-12/01/80	7	46	
GREE0050	No	00400	PH (STANDARD UNITS)	11/16/73-08/02/84	10	48	
GREE0051	No	00400	PH (STANDARD UNITS)	11/16/73-12/01/80	7	47	
GREE0052	No	00400	PH (STANDARD UNITS)	11/16/73-12/01/80	7	47	
GREE0053	No	00400	PH (STANDARD UNITS)	01/14/71-06/04/91	20	182	T,A,S
GREE0054	No	00400	PH (STANDARD UNITS)	01/28/72-07/15/75	3	45	
GREE0006	No	00403	PH, LAB, STANDARD UNITS SU	06/02/92-09/02/94	2	2	
GREE0008	Yes	00403	PH, LAB, STANDARD UNITS SU	06/15/81-04/30/84	2	68	
GREE0013	Yes	00403	PH, LAB, STANDARD UNITS SU	06/12/81-04/30/84	2	69	
GREE0015	Yes	00403	PH, LAB, STANDARD UNITS SU	06/15/81-04/30/84	2	68	
GREE0017	No	00403	PH, LAB, STANDARD UNITS SU	06/12/81-04/30/84	2	69	
GREE0019	No	00403	PH, LAB, STANDARD UNITS SU	06/15/81-04/30/84	2	68	
GREE0021	Yes	00403	PH, LAB, STANDARD UNITS SU	01/18/82-04/30/84	2	59	
GREE0022	Yes	00403	PH, LAB, STANDARD UNITS SU	06/15/81-04/30/84	2	68	
GREE0024	Yes	00403	PH, LAB, STANDARD UNITS SU	01/18/82-04/30/84	2	59	
GREE0025	No	00403	PH, LAB, STANDARD UNITS SU	06/12/81-04/30/84	2	69	
GREE0027	No	00403	PH, LAB, STANDARD UNITS SU	08/24/94-08/24/94	0	1	
GREE0034	No	00403	PH, LAB, STANDARD UNITS SU	01/11/72-03/02/87	15	196	T,A,S
GREE0037	No	00403	PH, LAB, STANDARD UNITS SU	01/28/70-12/28/71	1	22	
GREE0038	No	00403	PH, LAB, STANDARD UNITS SU	01/28/70-11/03/81	11	144	A
GREE0043	No	00403	PH, LAB, STANDARD UNITS SU	07/09/80-03/02/87	6	77	
GREE0046	No	00403	PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	7	60	
GREE0047	No	00403	PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	7	60	
GREE0048	No	00403	PH, LAB, STANDARD UNITS SU	12/21/73-12/01/80	6	35	
GREE0049	No	00403	PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	7	59	
GREE0050	No	00403	PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	7	60	
GREE0051	No	00403	PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	7	59	
GREE0052	No	00403	PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	7	60	
GREE0053	No	00403	PH, LAB, STANDARD UNITS SU	01/11/72-11/03/81	9	116	
GREE0054	No	00403	PH, LAB, STANDARD UNITS SU	01/20/70-07/15/75	5	77	
GREE0006	No	00405	CARBON DIOXIDE (MG/L AS CO2)	08/19/63-12/06/73	10	5	
GREE0002	No	00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/20/70-01/27/76	5	244	
GREE0006	No	00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/19/63-06/02/92	28	6	
GREE0034	No	00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/15/75-07/15/75	0	1	
GREE0034	No	00430	ALKALINITY, CARBONATE (MG/L AS CaCO3)	10/05/83-10/05/83	0	1	
GREE0043	No	00430	ALKALINITY, CARBONATE (MG/L AS CaCO3)	10/05/83-10/05/83	0	1	
GREE0006	No	00435	ACIDITY, TOTAL (MG/L AS CaCO3)	12/06/73-12/06/73	0	1	
GREE0006	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/19/63-12/06/73	10	5	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

**Station/Parameter Period of Record Tabulation
From 01/03/59 To 09/02/94**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
GREE0006	No	00445	CARBONATE ION (MG/L AS CO3)	08/19/63-12/06/73	10	5	
GREE0027	No	00453	BICARBONATE, WATER, DISS, INCR TIT, FIELD, AS HCO3, MG/L	08/24/94-08/24/94	0	1	
GREE0034	No	00500	RESIDUE, TOTAL (MG/L)	09/04/75-02/06/90	14	67	T,S
GREE0038	No	00500	RESIDUE, TOTAL (MG/L)	09/04/75-11/03/81	6	70	
GREE0046	No	00500	RESIDUE, TOTAL (MG/L)	07/10/74-12/01/80	6	51	
GREE0047	No	00500	RESIDUE, TOTAL (MG/L)	11/16/73-08/02/84	10	60	
GREE0048	No	00500	RESIDUE, TOTAL (MG/L)	09/04/74-12/01/80	6	30	
GREE0049	No	00500	RESIDUE, TOTAL (MG/L)	11/16/73-12/01/80	7	58	
GREE0050	No	00500	RESIDUE, TOTAL (MG/L)	11/16/73-08/02/84	10	60	
GREE0051	No	00500	RESIDUE, TOTAL (MG/L)	07/24/74-12/01/80	6	50	
GREE0052	No	00500	RESIDUE, TOTAL (MG/L)	11/16/73-12/01/80	7	58	
GREE0053	No	00500	RESIDUE, TOTAL (MG/L)	10/21/75-02/06/90	14	67	T,S
GREE0034	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C), MG/L	03/07/83-03/02/87	3	46	
GREE0043	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C), MG/L	03/07/83-03/02/87	3	47	
GREE0002	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/31/73-03/19/74	0	10	
GREE0006	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/20/72-03/09/73	0	3	
GREE0008	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/12/81-04/30/84	2	72	
GREE0009	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/01/83-04/29/83	0	6	
GREE0011	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/01/83-04/29/83	0	6	
GREE0012	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/01/83-04/29/83	0	6	
GREE0013	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/22/81-04/30/84	2	71	
GREE0014	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/01/83-04/29/83	0	8	
GREE0015	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/22/81-04/30/84	2	71	
GREE0016	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/01/83-04/29/83	0	5	
GREE0017	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/12/81-04/30/84	2	76	
GREE0019	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/15/81-04/30/84	2	76	
GREE0020	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/15/83-04/15/83	0	5	
GREE0021	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/01/82-04/30/84	2	47	
GREE0022	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/12/81-04/30/84	2	72	
GREE0023	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/01/83-04/29/83	0	10	
GREE0024	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/19/81-04/30/84	2	59	
GREE0025	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/12/81-04/30/84	2	69	
GREE0034	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/12/86-12/11/90	4	40	
GREE0038	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/04/78-10/04/78	0	1	
GREE0046	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/05/76-01/05/76	0	1	
GREE0047	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/05/76-01/05/76	0	1	
GREE0050	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/05/76-01/05/76	0	1	
GREE0051	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/05/76-01/05/76	0	1	
GREE0052	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/05/76-01/05/76	0	1	
GREE0053	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/10/88-12/11/90	2	42	
GREE0054	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/17/74-05/17/74	0	1	
GREE0006	No	00600	NITROGEN, TOTAL (MG/L AS N)	03/13/80-08/12/81	1	23	
GREE0006	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	08/13/79-08/01/80	0	20	
GREE0006	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/13/80-08/12/81	1	24	
GREE0006	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	03/13/80-06/10/81	1	12	
GREE0006	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	03/13/80-06/02/92	12	12	
GREE0027	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/24/94-08/24/94	0	1	
GREE0034	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	03/07/83-12/11/90	7	52	
GREE0043	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	03/07/83-05/09/84	1	12	
GREE0053	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/10/88-12/11/90	2	39	
GREE0001	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/08/74-01/08/75	1	6	
GREE0003	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/30/70-12/15/70	0	4	
GREE0004	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/30/70-12/15/70	0	4	
GREE0006	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/06/73-08/12/81	7	25	
GREE0034	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/88-09/07/88	0	1	
GREE0053	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/09/88-09/07/88	0	2	
GREE0034	No	00612	AMMONIA, UNIONIZED (MG/L AS N)	07/11/89-07/24/89	0	2	
GREE0053	No	00612	AMMONIA, UNIONIZED (MG/L AS N)	07/11/89-07/24/89	0	2	
GREE0006	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/23/80-09/02/94	14	4	
GREE0027	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/24/94-08/24/94	0	1	
GREE0006	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/06/73-12/06/73	0	1	
GREE0034	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/20/80-03/02/87	6	83	
GREE0043	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/09/80-03/02/87	6	82	
GREE0006	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/19/63-07/23/80	16	5	
GREE0001	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/08/74-01/08/75	1	7	
GREE0006	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/06/73-12/06/73	0	1	
GREE0034	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/20/80-02/06/90	9	104	A
GREE0043	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/09/80-03/02/87	6	80	
GREE0047	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/02/84-08/02/84	0	1	
GREE0050	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/02/84-08/02/84	0	1	
GREE0053	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/10/88-02/06/90	1	23	
GREE0006	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/13/79-08/01/80	0	20	

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Station/Parameter Period of Record Tabulation From 01/03/59 To 09/02/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
GREE0027	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/24/94-08/24/94	0	1	
GREE0006	No	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	08/13/79-08/01/80	0	20	
GREE0002	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/31/73-03/19/74	0	9	
GREE0003	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/30/70-12/15/70	0	4	
GREE0004	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/30/70-12/15/70	0	4	
GREE0006	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/13/79-06/02/92	12	36	
GREE0034	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/12/86-12/11/90	4	41	
GREE0053	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/10/88-12/11/90	2	41	
GREE0003	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/30/70-12/15/70	0	4	
GREE0004	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/30/70-12/15/70	0	4	
GREE0006	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/06/73-01/09/84	10	25	
GREE0034	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/72-12/11/90	18	137	T,A,S
GREE0037	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/24/71-12/28/71	0	2	
GREE0038	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/24/71-04/07/81	9	120	
GREE0046	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	7	60	
GREE0047	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	7	60	
GREE0048	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/21/73-12/01/80	6	35	
GREE0049	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	7	59	
GREE0050	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	7	60	
GREE0051	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	7	59	
GREE0052	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	7	60	
GREE0053	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/72-12/11/90	18	131	A,S
GREE0054	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/24/71-07/15/75	3	55	
GREE0006	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/13/79-09/02/94	15	23	S
GREE0027	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/24/94-08/24/94	0	1	
GREE0004	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/30/70-12/15/70	0	4	
GREE0006	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	09/20/72-09/20/72	0	1	
GREE0034	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/11/72-06/05/80	8	108	
GREE0037	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/28/70-12/28/71	1	22	
GREE0038	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/28/70-06/05/80	10	129	A
GREE0046	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	6	56	
GREE0047	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	6	58	
GREE0048	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/21/73-04/15/80	6	32	
GREE0049	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	6	56	
GREE0050	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	6	58	
GREE0051	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	6	55	
GREE0052	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	6	57	
GREE0053	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/11/72-06/05/80	8	104	
GREE0054	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/20/70-07/15/75	5	77	
GREE0003	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/08/70-12/15/70	0	3	
GREE0004	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/08/70-12/15/70	0	3	
GREE0006	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/72-06/02/92	19	35	S
GREE0034	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/12/86-12/11/90	4	41	
GREE0053	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/10/88-12/11/90	2	41	
GREE0001	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/08/74-01/08/75	1	7	
GREE0006	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/13/79-06/02/92	12	21	
GREE0027	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/24/94-08/24/94	0	1	
GREE0034	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/12/86-12/11/90	4	38	
GREE0053	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/10/88-12/11/90	2	38	
GREE0006	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/02/92-06/02/92	0	1	
GREE0027	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/24/94-08/24/94	0	1	
GREE0034	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/12/86-12/11/90	4	37	
GREE0053	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/10/88-12/11/90	2	37	
GREE0003	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/07/70-12/15/70	0	2	
GREE0004	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/07/70-12/15/70	0	2	
GREE0034	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/07/83-03/02/87	3	36	
GREE0043	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/07/83-03/02/87	3	37	
GREE0006	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/20/72-12/06/73	1	4	
GREE0006	No	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/19/63-12/06/73	10	5	
GREE0006	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	08/19/63-12/06/73	10	5	
GREE0006	No	00915	CALCIUM, DISSOLVED (MG/L AS Ca)	08/19/63-09/02/94	31	8	
GREE0027	No	00915	CALCIUM, DISSOLVED (MG/L AS Ca)	08/24/94-08/24/94	0	1	
GREE0034	No	00916	CALCIUM, TOTAL (MG/L AS Ca)	03/07/83-03/02/87	3	46	
GREE0043	No	00916	CALCIUM, TOTAL (MG/L AS Ca)	03/07/83-03/02/87	3	45	
GREE0006	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/19/63-09/02/94	31	8	
GREE0027	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/24/94-08/24/94	0	1	
GREE0006	No	00930	SODIUM, DISSOLVED (MG/L AS Na)	08/19/63-09/02/94	31	8	
GREE0027	No	00930	SODIUM, DISSOLVED (MG/L AS Na)	08/24/94-08/24/94	0	1	
GREE0006	No	00931	SODIUM ADSORPTION RATIO	08/19/63-12/06/73	10	5	
GREE0006	No	00932	SODIUM, PERCENT	08/19/63-12/06/73	10	5	
GREE0006	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/19/63-09/02/94	31	8	
GREE0027	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/24/94-08/24/94	0	1	

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Station/Parameter Period of Record Tabulation
From 01/03/59 To 09/02/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
GREE0002	No	00940	CHLORIDE, TOTAL IN WATER MG/L	05/20/70-01/27/76	5	244	
GREE0006	No	00940	CHLORIDE, TOTAL IN WATER MG/L	08/19/63-09/02/94	31	8	
GREE0027	No	00940	CHLORIDE, TOTAL IN WATER MG/L	08/24/94-08/24/94	0	1	
GREE0034	No	00940	CHLORIDE, TOTAL IN WATER MG/L	05/20/80-03/02/87	6	79	
GREE0043	No	00940	CHLORIDE, TOTAL IN WATER MG/L	07/09/80-03/02/87	6	77	
GREE0046	No	00940	CHLORIDE, TOTAL IN WATER MG/L	07/10/74-12/01/80	6	49	
GREE0047	No	00940	CHLORIDE, TOTAL IN WATER MG/L	11/16/73-08/02/84	10	61	
GREE0048	No	00940	CHLORIDE, TOTAL IN WATER MG/L	09/04/74-12/01/80	6	29	
GREE0049	No	00940	CHLORIDE, TOTAL IN WATER MG/L	11/16/73-12/01/80	7	58	
GREE0050	No	00940	CHLORIDE, TOTAL IN WATER MG/L	11/16/73-08/02/84	10	61	
GREE0051	No	00940	CHLORIDE, TOTAL IN WATER MG/L	07/24/74-12/01/80	6	48	
GREE0052	No	00940	CHLORIDE, TOTAL IN WATER MG/L	11/16/73-12/01/80	7	58	
GREE0006	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/19/63-09/02/94	31	8	
GREE0027	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/24/94-08/24/94	0	1	
GREE0047	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/02/84-08/02/84	0	1	
GREE0050	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/02/84-08/02/84	0	1	
GREE0006	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/19/63-09/02/94	31	7	
GREE0027	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/24/94-08/24/94	0	1	
GREE0034	No	00951	FLUORIDE, TOTAL (MG/L AS F)	03/07/83-05/09/84	1	12	
GREE0043	No	00951	FLUORIDE, TOTAL (MG/L AS F)	03/07/83-05/09/84	1	11	
GREE0006	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/19/63-09/02/94	31	27	S
GREE0027	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/24/94-08/24/94	0	1	
GREE0034	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/20/90-12/11/90	0	16	
GREE0053	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/20/90-12/11/90	0	16	
GREE0001	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	11/03/75-03/01/76	0	4	
GREE0005	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/27/75-03/22/76	0	6	
GREE0007	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/27/75-03/22/76	0	6	
GREE0010	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/27/75-03/22/76	0	6	
GREE0018	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/27/75-03/22/76	0	6	
GREE0026	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/27/75-03/22/76	0	6	
GREE0030	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/27/75-02/23/76	0	5	
GREE0031	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/27/75-03/22/76	0	6	
GREE0033	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/27/75-03/22/76	0	6	
GREE0035	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/27/75-03/22/76	0	6	
GREE0040	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/27/75-03/22/76	0	6	
GREE0042	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/27/75-03/22/76	0	6	
GREE0034	No	01002	ARSENIC, TOTAL (UG/L AS AS)	02/28/83-12/08/83	0	9	
GREE0043	No	01002	ARSENIC, TOTAL (UG/L AS AS)	02/28/83-12/08/83	0	9	
GREE0047	No	01002	ARSENIC, TOTAL (UG/L AS AS)	08/02/84-08/02/84	0	1	
GREE0050	No	01002	ARSENIC, TOTAL (UG/L AS AS)	08/02/84-08/02/84	0	1	
GREE0034	No	01007	BARIUM, TOTAL (UG/L AS BA)	02/28/83-01/25/84	0	12	
GREE0043	No	01007	BARIUM, TOTAL (UG/L AS BA)	02/28/83-01/25/84	0	12	
GREE0047	No	01007	BARIUM, TOTAL (UG/L AS BA)	08/02/84-08/02/84	0	1	
GREE0050	No	01007	BARIUM, TOTAL (UG/L AS BA)	08/02/84-08/02/84	0	1	
GREE0006	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/20/72-03/09/73	0	3	
GREE0006	No	01027	CADMIUM, TOTAL (UG/L AS CD)	12/06/73-12/06/73	0	1	
GREE0034	No	01027	CADMIUM, TOTAL (UG/L AS CD)	05/20/80-03/02/87	6	80	
GREE0043	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/09/80-03/02/87	6	77	
GREE0047	No	01027	CADMIUM, TOTAL (UG/L AS CD)	11/16/73-08/02/84	10	51	
GREE0048	No	01027	CADMIUM, TOTAL (UG/L AS CD)	12/18/74-12/18/74	0	1	
GREE0049	No	01027	CADMIUM, TOTAL (UG/L AS CD)	11/16/73-12/01/80	7	49	
GREE0050	No	01027	CADMIUM, TOTAL (UG/L AS CD)	11/16/73-08/02/84	10	50	
GREE0051	No	01027	CADMIUM, TOTAL (UG/L AS CD)	12/18/74-12/18/74	0	1	
GREE0052	No	01027	CADMIUM, TOTAL (UG/L AS CD)	11/16/73-12/01/80	7	51	
GREE0006	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/20/72-03/09/73	0	2	
GREE0006	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	12/13/72-12/13/72	0	1	
GREE0006	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	12/06/73-12/06/73	0	1	
GREE0034	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/20/80-05/09/84	3	46	
GREE0043	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/09/80-05/09/84	3	43	
GREE0047	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	03/07/77-08/02/84	7	21	
GREE0049	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	03/07/77-12/01/80	3	19	
GREE0050	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	03/07/77-08/02/84	7	20	
GREE0052	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	03/07/77-12/01/80	3	20	
GREE0038	No	01035	COBALT, DISSOLVED (UG/L AS CO)	10/27/81-11/03/81	0	2	
GREE0053	No	01035	COBALT, DISSOLVED (UG/L AS CO)	10/27/81-11/03/81	0	2	
GREE0006	No	01040	COPPER, DISSOLVED (UG/L AS CU)	09/20/72-03/09/73	0	3	
GREE0006	No	01042	COPPER, TOTAL (UG/L AS CU)	12/06/73-12/06/73	0	1	
GREE0034	No	01042	COPPER, TOTAL (UG/L AS CU)	03/07/83-03/02/87	3	47	
GREE0043	No	01042	COPPER, TOTAL (UG/L AS CU)	03/07/83-03/02/87	3	47	
GREE0047	No	01042	COPPER, TOTAL (UG/L AS CU)	11/16/73-12/01/80	7	50	
GREE0048	No	01042	COPPER, TOTAL (UG/L AS CU)	12/18/74-12/18/74	0	1	
GREE0049	No	01042	COPPER, TOTAL (UG/L AS CU)	11/16/73-12/01/80	7	50	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 01/03/59 To 09/02/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
GREE0050	No	01042	COPPER, TOTAL (UG/L AS CU)	11/16/73-12/01/80	7	50	
GREE0051	No	01042	COPPER, TOTAL (UG/L AS CU)	12/18/74-12/18/74	0	1	
GREE0052	No	01042	COPPER, TOTAL (UG/L AS CU)	11/16/73-12/01/80	7	52	
GREE0006	No	01045	IRON, TOTAL (UG/L AS FE)	08/19/63-12/06/73	10	2	
GREE0006	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/20/72-09/02/94	21	6	
GREE0027	No	01046	IRON, DISSOLVED (UG/L AS FE)	08/24/94-08/24/94	0	1	
GREE0006	No	01049	LEAD, DISSOLVED (UG/L AS PB)	09/20/72-03/09/73	0	3	
GREE0006	No	01051	LEAD, TOTAL (UG/L AS PB)	12/06/73-12/06/73	0	1	
GREE0034	No	01051	LEAD, TOTAL (UG/L AS PB)	05/20/80-03/02/87	6	80	
GREE0038	No	01051	LEAD, TOTAL (UG/L AS PB)	10/27/81-11/03/81	0	2	
GREE0043	No	01051	LEAD, TOTAL (UG/L AS PB)	07/09/80-03/02/87	6	77	
GREE0047	No	01051	LEAD, TOTAL (UG/L AS PB)	11/16/73-08/02/84	10	52	
GREE0048	No	01051	LEAD, TOTAL (UG/L AS PB)	12/18/74-12/18/74	0	1	
GREE0049	No	01051	LEAD, TOTAL (UG/L AS PB)	11/16/73-12/01/80	7	50	
GREE0050	No	01051	LEAD, TOTAL (UG/L AS PB)	11/16/73-08/02/84	10	51	
GREE0051	No	01051	LEAD, TOTAL (UG/L AS PB)	12/18/74-12/18/74	0	1	
GREE0052	No	01051	LEAD, TOTAL (UG/L AS PB)	11/16/73-12/01/80	7	52	
GREE0053	No	01051	LEAD, TOTAL (UG/L AS PB)	10/27/81-11/03/81	0	2	
GREE0006	No	01055	MANGANESE, TOTAL (UG/L AS MN)	08/19/63-12/06/73	10	2	
GREE0006	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/20/72-09/02/94	21	6	
GREE0027	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/24/94-08/24/94	0	1	
GREE0034	No	01067	NICKEL, TOTAL (UG/L AS NI)	02/28/83-05/09/84	1	13	
GREE0043	No	01067	NICKEL, TOTAL (UG/L AS NI)	02/28/83-05/09/84	1	13	
GREE0047	No	01067	NICKEL, TOTAL (UG/L AS NI)	12/01/80-12/01/80	0	1	
GREE0049	No	01067	NICKEL, TOTAL (UG/L AS NI)	12/01/80-12/01/80	0	1	
GREE0050	No	01067	NICKEL, TOTAL (UG/L AS NI)	12/01/80-12/01/80	0	1	
GREE0052	No	01067	NICKEL, TOTAL (UG/L AS NI)	12/01/80-12/01/80	0	1	
GREE0047	No	01075	SILVER, DISSOLVED (UG/L AS AG)	11/16/73-12/01/80	7	51	
GREE0048	No	01075	SILVER, DISSOLVED (UG/L AS AG)	12/18/74-12/18/74	0	1	
GREE0049	No	01075	SILVER, DISSOLVED (UG/L AS AG)	11/16/73-12/01/80	7	50	
GREE0050	No	01075	SILVER, DISSOLVED (UG/L AS AG)	11/16/73-12/01/80	7	50	
GREE0051	No	01075	SILVER, DISSOLVED (UG/L AS AG)	12/18/74-12/18/74	0	1	
GREE0052	No	01075	SILVER, DISSOLVED (UG/L AS AG)	11/16/73-12/01/80	7	52	
GREE0034	No	01077	SILVER, TOTAL (UG/L AS AG)	02/28/83-01/25/84	0	12	
GREE0043	No	01077	SILVER, TOTAL (UG/L AS AG)	02/28/83-01/25/84	0	12	
GREE0047	No	01077	SILVER, TOTAL (UG/L AS AG)	08/02/84-08/02/84	0	1	
GREE0050	No	01077	SILVER, TOTAL (UG/L AS AG)	08/02/84-08/02/84	0	1	
GREE0006	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/20/72-03/09/73	0	3	
GREE0006	No	01092	ZINC, TOTAL (UG/L AS ZN)	12/06/73-12/06/73	0	1	
GREE0034	No	01092	ZINC, TOTAL (UG/L AS ZN)	05/20/80-03/02/87	6	79	
GREE0043	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/09/80-03/02/87	6	77	
GREE0047	No	01092	ZINC, TOTAL (UG/L AS ZN)	11/16/73-12/01/80	7	51	
GREE0048	No	01092	ZINC, TOTAL (UG/L AS ZN)	12/18/74-12/18/74	0	1	
GREE0049	No	01092	ZINC, TOTAL (UG/L AS ZN)	11/16/73-12/01/80	7	50	
GREE0050	No	01092	ZINC, TOTAL (UG/L AS ZN)	11/16/73-12/01/80	7	50	
GREE0051	No	01092	ZINC, TOTAL (UG/L AS ZN)	12/18/74-12/18/74	0	1	
GREE0052	No	01092	ZINC, TOTAL (UG/L AS ZN)	11/16/73-12/01/80	7	52	
GREE0006	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	12/06/73-12/06/73	0	1	
GREE0006	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/20/72-03/09/73	0	3	
GREE0034	No	01147	SELENIUM, TOTAL (UG/L AS SE)	02/28/83-05/09/84	1	12	
GREE0043	No	01147	SELENIUM, TOTAL (UG/L AS SE)	02/28/83-05/09/84	1	12	
GREE0047	No	01147	SELENIUM, TOTAL (UG/L AS SE)	08/02/84-08/02/84	0	1	
GREE0050	No	01147	SELENIUM, TOTAL (UG/L AS SE)	08/02/84-08/02/84	0	1	
GREE0034	No	01350	TURBIDITY (SEVERITY)	01/25/71-05/14/85	14	152	
GREE0038	No	01350	TURBIDITY (SEVERITY)	01/11/72-11/03/81	9	123	
GREE0046	No	01350	TURBIDITY (SEVERITY)	11/16/73-12/01/80	7	47	
GREE0047	No	01350	TURBIDITY (SEVERITY)	12/04/73-08/02/84	10	46	
GREE0048	No	01350	TURBIDITY (SEVERITY)	12/21/73-12/01/80	6	31	
GREE0049	No	01350	TURBIDITY (SEVERITY)	11/16/73-12/01/80	7	45	
GREE0050	No	01350	TURBIDITY (SEVERITY)	11/16/73-08/02/84	10	48	
GREE0051	No	01350	TURBIDITY (SEVERITY)	11/16/73-12/01/80	7	47	
GREE0052	No	01350	TURBIDITY (SEVERITY)	11/16/73-12/01/80	7	47	
GREE0053	No	01350	TURBIDITY (SEVERITY)	01/14/71-11/03/81	10	152	
GREE0054	No	01350	TURBIDITY (SEVERITY)	01/11/72-07/15/75	3	53	
GREE0034	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	08/10/71-05/14/85	13	129	
GREE0038	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	01/11/72-01/25/82	10	124	
GREE0046	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	11/16/73-12/01/80	7	50	
GREE0047	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	12/04/73-08/02/84	10	49	
GREE0048	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	11/16/73-12/01/80	7	44	
GREE0049	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	11/16/73-12/01/80	7	48	
GREE0050	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	11/16/73-08/02/84	10	51	
GREE0051	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	11/16/73-12/01/80	7	50	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation From 01/03/59 To 09/02/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
GREE0052	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	11/16/73-12/01/80	7	50	
GREE0053	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	08/10/71-01/25/82	10	128	
GREE0054	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	01/11/72-07/15/75	3	53	
GREE0027	No	04024	PROPACHLOR, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	08/24/94-08/24/94	0	1	
GREE0027	No	04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	08/24/94-08/24/94	0	1	
GREE0027	No	04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	08/24/94-08/24/94	0	1	
GREE0027	No	04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	08/24/94-08/24/94	0	1	
GREE0027	No	04040	DEETHYL ATRAZINE, DISSOLVED, WATER, TOT REC UG/L	08/24/94-08/24/94	0	1	
GREE0027	No	04041	CYANAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	08/24/94-08/24/94	0	1	
GREE0027	No	04095	FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	08/24/94-08/24/94	0	1	
GREE0031	No	07000	TRITIUM (1H3), TOTAL (PICOCURIES/LITER)	03/22/76-03/22/76	0	1	
GREE0033	No	07000	TRITIUM (1H3), TOTAL (PICOCURIES/LITER)	03/22/76-03/22/76	0	1	
GREE0001	No	30000	DIMETHOATE, SOIL, RECOVERABLE MG/KG	11/03/75-03/01/76	0	4	
GREE0005	No	30000	DIMETHOATE, SOIL, RECOVERABLE MG/KG	10/27/75-03/22/76	0	6	
GREE0007	No	30000	DIMETHOATE, SOIL, RECOVERABLE MG/KG	10/27/75-03/22/76	0	6	
GREE0010	No	30000	DIMETHOATE, SOIL, RECOVERABLE MG/KG	10/27/75-03/22/76	0	6	
GREE0018	No	30000	DIMETHOATE, SOIL, RECOVERABLE MG/KG	10/27/75-03/22/76	0	6	
GREE0026	No	30000	DIMETHOATE, SOIL, RECOVERABLE MG/KG	10/27/75-03/22/76	0	6	
GREE0030	No	30000	DIMETHOATE, SOIL, RECOVERABLE MG/KG	10/27/75-02/23/76	0	5	
GREE0031	No	30000	DIMETHOATE, SOIL, RECOVERABLE MG/KG	10/27/75-03/22/76	0	6	
GREE0033	No	30000	DIMETHOATE, SOIL, RECOVERABLE MG/KG	10/27/75-03/22/76	0	6	
GREE0035	No	30000	DIMETHOATE, SOIL, RECOVERABLE MG/KG	10/27/75-03/22/76	0	6	
GREE0040	No	30000	DIMETHOATE, SOIL, RECOVERABLE MG/KG	10/27/75-03/22/76	0	6	
GREE0042	No	30000	DIMETHOATE, SOIL, RECOVERABLE MG/KG	10/27/75-03/22/76	0	6	
GREE0001	No	31501	COLIFORM, TOT, MEMBRANE FILTER, IMMED. M-ENDO MED, 35C	05/17/76-01/20/81	4	34	
GREE0005	No	31501	COLIFORM, TOT, MEMBRANE FILTER, IMMED. M-ENDO MED, 35C	03/22/76-12/03/80	4	34	
GREE0007	No	31501	COLIFORM, TOT, MEMBRANE FILTER, IMMED. M-ENDO MED, 35C	03/22/76-12/03/80	4	34	
GREE0010	No	31501	COLIFORM, TOT, MEMBRANE FILTER, IMMED. M-ENDO MED, 35C	03/22/76-12/03/80	4	35	
GREE0018	No	31501	COLIFORM, TOT, MEMBRANE FILTER, IMMED. M-ENDO MED, 35C	03/22/76-08/06/80	4	32	
GREE0026	No	31501	COLIFORM, TOT, MEMBRANE FILTER, IMMED. M-ENDO MED, 35C	03/22/76-10/08/80	4	31	
GREE0030	No	31501	COLIFORM, TOT, MEMBRANE FILTER, IMMED. M-ENDO MED, 35C	04/26/76-01/06/81	4	36	
GREE0031	No	31501	COLIFORM, TOT, MEMBRANE FILTER, IMMED. M-ENDO MED, 35C	04/26/76-12/02/80	4	32	
GREE0033	No	31501	COLIFORM, TOT, MEMBRANE FILTER, IMMED. M-ENDO MED, 35C	04/26/76-12/02/80	4	31	
GREE0035	No	31501	COLIFORM, TOT, MEMBRANE FILTER, IMMED. M-ENDO MED, 35C	03/22/76-12/02/80	4	33	
GREE0040	No	31501	COLIFORM, TOT, MEMBRANE FILTER, IMMED. M-ENDO MED, 35C	03/22/76-12/02/80	4	34	
GREE0042	No	31501	COLIFORM, TOT, MEMBRANE FILTER, IMMED. M-ENDO MED, 35C	03/22/76-01/06/81	4	32	
GREE0001	No	31505	COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	02/28/73-03/01/76	3	34	
GREE0002	No	31505	COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	05/20/70-01/27/76	5	225	
GREE0005	No	31505	COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	12/18/73-02/23/76	2	16	
GREE0007	No	31505	COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	12/18/73-02/23/76	2	16	
GREE0010	No	31505	COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	12/18/73-02/23/76	2	15	
GREE0018	No	31505	COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	12/18/73-02/23/76	2	16	
GREE0026	No	31505	COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	12/18/73-02/23/76	2	16	
GREE0030	No	31505	COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	12/18/73-02/23/76	2	16	
GREE0031	No	31505	COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	12/18/73-02/23/76	2	16	
GREE0033	No	31505	COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	12/18/73-02/23/76	2	16	
GREE0034	No	31505	COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	01/14/80-12/11/90	10	135	A
GREE0035	No	31505	COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	12/18/73-02/23/76	2	16	
GREE0038	No	31505	COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	01/14/80-11/03/81	1	21	
GREE0040	No	31505	COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	12/18/73-02/23/76	2	16	
GREE0042	No	31505	COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	12/18/73-02/23/76	2	16	
GREE0043	No	31505	COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	07/09/80-03/02/87	6	76	
GREE0046	No	31505	COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	01/21/80-12/01/80	0	4	
GREE0047	No	31505	COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	01/21/80-12/01/80	0	4	
GREE0048	No	31505	COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	01/21/80-12/01/80	0	4	
GREE0049	No	31505	COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	01/21/80-12/01/80	0	4	
GREE0050	No	31505	COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	01/21/80-12/01/80	0	4	
GREE0051	No	31505	COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	01/21/80-12/01/80	0	4	
GREE0052	No	31505	COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	01/21/80-12/01/80	0	4	
GREE0053	No	31505	COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	01/14/80-12/11/90	10	59	
GREE0034	No	31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	01/11/72-11/27/79	7	102	
GREE0037	No	31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	01/28/70-12/28/71	1	22	
GREE0038	No	31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	01/28/70-11/27/79	9	122	A
GREE0046	No	31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	6	53	
GREE0047	No	31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	6	54	
GREE0048	No	31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	12/21/73-12/03/79	5	30	
GREE0049	No	31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	6	53	
GREE0050	No	31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	6	54	
GREE0051	No	31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	6	53	
GREE0052	No	31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	6	54	
GREE0053	No	31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	01/11/72-11/27/79	7	98	
GREE0054	No	31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	01/20/70-07/15/75	5	76	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 01/03/59 To 09/02/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
GREE0001	No	31515	INVALID PARM	08/04/75-10/06/75	0	2	
GREE0005	No	31515	INVALID PARM	01/28/75-09/22/75	0	8	
GREE0007	No	31515	INVALID PARM	12/31/74-09/22/75	0	9	
GREE0010	No	31515	INVALID PARM	12/31/74-09/22/75	0	9	
GREE0018	No	31515	INVALID PARM	12/31/74-09/22/75	0	9	
GREE0026	No	31515	INVALID PARM	12/31/74-09/22/75	0	9	
GREE0030	No	31515	INVALID PARM	12/31/74-08/25/75	0	8	
GREE0031	No	31515	INVALID PARM	12/31/74-08/25/75	0	8	
GREE0033	No	31515	INVALID PARM	12/31/74-08/25/75	0	8	
GREE0035	No	31515	INVALID PARM	12/31/74-09/22/75	0	9	
GREE0040	No	31515	INVALID PARM	12/31/74-09/22/75	0	9	
GREE0042	No	31515	INVALID PARM	12/31/74-09/22/75	0	9	
GREE0008	Yes	31613	FECAL COLIFORM, MEMBR FILTER, M-FC AGAR, 44.5C, 24HR	06/15/81-03/05/84	2	55	
GREE0013	Yes	31613	FECAL COLIFORM, MEMBR FILTER, M-FC AGAR, 44.5C, 24HR	06/15/81-03/05/84	2	52	
GREE0015	Yes	31613	FECAL COLIFORM, MEMBR FILTER, M-FC AGAR, 44.5C, 24HR	06/15/81-03/05/84	2	54	
GREE0017	No	31613	FECAL COLIFORM, MEMBR FILTER, M-FC AGAR, 44.5C, 24HR	06/15/81-02/07/84	2	53	
GREE0019	No	31613	FECAL COLIFORM, MEMBR FILTER, M-FC AGAR, 44.5C, 24HR	06/15/81-03/05/84	2	52	
GREE0021	Yes	31613	FECAL COLIFORM, MEMBR FILTER, M-FC AGAR, 44.5C, 24HR	02/16/82-04/02/84	2	43	
GREE0022	Yes	31613	FECAL COLIFORM, MEMBR FILTER, M-FC AGAR, 44.5C, 24HR	06/15/81-04/02/84	2	58	
GREE0024	Yes	31613	FECAL COLIFORM, MEMBR FILTER, M-FC AGAR, 44.5C, 24HR	10/19/81-01/09/84	2	27	
GREE0025	No	31613	FECAL COLIFORM, MEMBR FILTER, M-FC AGAR, 44.5C, 24HR	06/15/81-12/15/83	2	52	
GREE0003	No	31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	06/08/70-12/15/70	0	3	
GREE0034	No	31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	01/11/72-11/27/79	7	102	
GREE0037	No	31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	01/28/70-12/28/71	1	22	
GREE0038	No	31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	01/28/70-11/27/79	9	121	A
GREE0046	No	31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	11/16/73-12/03/79	6	53	
GREE0047	No	31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	11/16/73-12/03/79	6	54	
GREE0048	No	31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	12/21/73-12/03/79	5	30	
GREE0049	No	31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	11/16/73-12/03/79	6	53	
GREE0050	No	31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	11/16/73-12/03/79	6	54	
GREE0051	No	31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	11/16/73-12/03/79	6	53	
GREE0052	No	31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	11/16/73-12/03/79	6	54	
GREE0053	No	31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	01/11/72-11/27/79	7	97	
GREE0054	No	31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	01/20/70-07/15/75	5	76	
GREE0001	No	31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	02/28/73-01/20/81	7	69	
GREE0002	No	31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	05/20/70-01/27/76	5	223	
GREE0004	No	31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	06/08/70-12/15/70	0	3	
GREE0005	No	31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	12/18/73-12/03/80	6	58	
GREE0007	No	31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	12/18/73-12/03/80	6	58	
GREE0010	No	31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	12/18/73-12/03/80	6	59	
GREE0018	No	31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	12/18/73-08/06/80	6	57	
GREE0026	No	31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	12/18/73-10/08/80	6	56	
GREE0030	No	31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	12/18/73-01/06/81	7	61	
GREE0031	No	31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	12/18/73-12/02/80	6	57	
GREE0033	No	31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	12/18/73-12/02/80	6	56	
GREE0034	No	31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	01/14/80-12/11/90	10	98	
GREE0035	No	31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	12/18/73-12/02/80	6	58	
GREE0038	No	31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	01/14/80-11/03/81	1	21	
GREE0040	No	31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	12/18/73-12/02/80	6	59	
GREE0042	No	31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	12/18/73-01/06/81	7	57	
GREE0043	No	31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	07/09/80-11/17/83	3	39	
GREE0046	No	31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	01/21/80-12/01/80	0	4	
GREE0047	No	31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	01/21/80-12/01/80	0	4	
GREE0048	No	31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	01/21/80-12/01/80	0	4	
GREE0049	No	31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	01/21/80-12/01/80	0	4	
GREE0050	No	31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	01/21/80-12/01/80	0	4	
GREE0051	No	31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	01/21/80-12/01/80	0	4	
GREE0052	No	31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	01/21/80-12/01/80	0	4	
GREE0053	No	31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	01/14/80-12/11/90	10	59	
GREE0002	No	31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	08/11/71-08/11/71	0	1	
GREE0006	No	31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/16/69-01/21/74	4	55	
GREE0006	No	31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	06/02/92-06/02/92	0	1	
GREE0034	No	31677	FECAL STREPTOCOCCI, MPN, AD-EVA, 35C (TUBE 31678)	06/08/83-11/17/83	0	6	
GREE0043	No	31677	FECAL STREPTOCOCCI, MPN, AD-EVA, 35C (TUBE 31678)	06/08/83-11/17/83	0	6	
GREE0002	No	31679	FECAL STREPTOCOCCI, MF M-ENTEROCOCCUS AGAR, 35C, 48H	12/31/73-03/19/74	0	10	
GREE0006	No	32209	CHLOROPHYLL-A UG/L FLUOROMETRIC CORRECTED	11/02/79-03/21/80	0	5	
GREE0003	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	04/30/70-12/15/70	0	4	
GREE0006	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/30/79-09/06/79	0	8	
GREE0006	No	32213	PHEOPHYTIN-A, FLUORIMETRIC METHOD (UG/L)	11/02/79-03/21/80	0	5	
GREE0006	No	32217	CHLOROPHYLL-A UG/L FLUOROMETRIC UNCORRECTED	11/02/79-03/21/80	0	5	
GREE0006	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/30/79-09/06/79	0	8	
GREE0004	No	32230	CHLOROPHYLL-A (MG/L)	04/30/70-12/15/70	0	4	

¹T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation **From 01/03/59 To 09/02/94**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
GREE0006	No	32230	CHLOROPHYLL A (MG/L)	06/30/79-09/06/79	0	8	
GREE0002	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	12/31/73-03/19/74	0	10	
GREE0006	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/20/72-12/06/73	1	4	
GREE0027	No	34253	A-BHC-ALPHA DISSUG/L	08/24/94-08/24/94	0	1	
GREE0027	No	34653	P,P'-DDE DISSUG/L	08/24/94-08/24/94	0	1	
GREE0027	No	38933	CHLORPYRIFOS,DISSOLVED UG/L	08/24/94-08/24/94	0	1	
GREE0006	No	39086	ALKALINITY, WATER, DISS, INCR TIT, FIELD, AS CaCO3, MG/L	10/15/93-09/02/94	0	2	
GREE0027	No	39086	ALKALINITY, WATER, DISS, INCR TIT, FIELD, AS CaCO3, MG/L	08/24/94-08/24/94	0	1	
GREE0047	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	08/02/84-08/02/84	0	1	
GREE0050	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	08/02/84-08/02/84	0	1	
GREE0027	No	39341	GAMMA-BHC(LINDANE), DISSOLVED, UG/L	08/24/94-08/24/94	0	1	
GREE0027	No	39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	08/24/94-08/24/94	0	1	
GREE0047	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	08/02/84-08/02/84	0	1	
GREE0050	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	08/02/84-08/02/84	0	1	
GREE0047	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	08/02/84-08/02/84	0	1	
GREE0050	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	08/02/84-08/02/84	0	1	
GREE0027	No	39415	METOLACHLOR, WATER, DISSOLVED UG/L	08/24/94-08/24/94	0	1	
GREE0047	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	08/02/84-08/02/84	0	1	
GREE0050	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	08/02/84-08/02/84	0	1	
GREE0047	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	08/02/84-08/02/84	0	1	
GREE0050	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	08/02/84-08/02/84	0	1	
GREE0027	No	39532	MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	08/24/94-08/24/94	0	1	
GREE0027	No	39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	08/24/94-08/24/94	0	1	
GREE0027	No	39572	DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	08/24/94-08/24/94	0	1	
GREE0027	No	39632	ATRAZINE DISSOLVED IN WATER PPB	08/24/94-08/24/94	0	1	
GREE0047	No	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	08/02/84-08/02/84	0	1	
GREE0050	No	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	08/02/84-08/02/84	0	1	
GREE0001	No	40000	INVALID PARAMETER	11/03/75-03/01/76	0	4	
GREE0005	No	40000	INVALID PARAMETER	10/27/75-02/23/76	0	4	
GREE0007	No	40000	INVALID PARAMETER	10/27/75-03/22/76	0	5	
GREE0010	No	40000	INVALID PARAMETER	10/27/75-02/23/76	0	4	
GREE0018	No	40000	INVALID PARAMETER	10/27/75-03/22/76	0	5	
GREE0026	No	40000	INVALID PARAMETER	10/27/75-03/22/76	0	5	
GREE0030	No	40000	INVALID PARAMETER	10/27/75-01/26/76	0	4	
GREE0031	No	40000	INVALID PARAMETER	10/27/75-03/22/76	0	6	
GREE0033	No	40000	INVALID PARAMETER	10/27/75-03/22/76	0	6	
GREE0035	No	40000	INVALID PARAMETER	10/27/75-03/22/76	0	6	
GREE0040	No	40000	INVALID PARAMETER	10/27/75-03/22/76	0	6	
GREE0042	No	40000	INVALID PARAMETER	10/27/75-03/22/76	0	6	
GREE0027	No	46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	08/24/94-08/24/94	0	1	
GREE0001	No	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	01/08/74-01/08/75	1	5	
GREE0001	No	50531	BENZENE, 1,2-PROPADIENYL- UG/L	11/03/75-03/01/76	0	4	
GREE0005	No	50531	BENZENE, 1,2-PROPADIENYL- UG/L	10/27/75-03/22/76	0	6	
GREE0007	No	50531	BENZENE, 1,2-PROPADIENYL- UG/L	10/27/75-03/22/76	0	6	
GREE0010	No	50531	BENZENE, 1,2-PROPADIENYL- UG/L	10/27/75-03/22/76	0	6	
GREE0018	No	50531	BENZENE, 1,2-PROPADIENYL- UG/L	10/27/75-03/22/76	0	6	
GREE0026	No	50531	BENZENE, 1,2-PROPADIENYL- UG/L	10/27/75-03/22/76	0	6	
GREE0030	No	50531	BENZENE, 1,2-PROPADIENYL- UG/L	10/27/75-02/23/76	0	5	
GREE0031	No	50531	BENZENE, 1,2-PROPADIENYL- UG/L	10/27/75-02/23/76	0	5	
GREE0033	No	50531	BENZENE, 1,2-PROPADIENYL- UG/L	10/27/75-02/23/76	0	5	
GREE0035	No	50531	BENZENE, 1,2-PROPADIENYL- UG/L	10/27/75-03/22/76	0	6	
GREE0040	No	50531	BENZENE, 1,2-PROPADIENYL- UG/L	10/27/75-03/22/76	0	6	
GREE0042	No	50531	BENZENE, 1,2-PROPADIENYL- UG/L	10/27/75-03/22/76	0	6	
GREE0006	No	60050	ALGAE, TOTAL (CELLS/ML)	01/02/80-07/23/80	0	14	
GREE0001	No	61500	MERCURY SLUDGE SOLID FRACTN, DRY WT, MG/KG	11/03/75-03/01/76	0	4	
GREE0005	No	61500	MERCURY SLUDGE SOLID FRACTN, DRY WT, MG/KG	10/27/75-03/22/76	0	6	
GREE0007	No	61500	MERCURY SLUDGE SOLID FRACTN, DRY WT, MG/KG	10/27/75-03/22/76	0	6	
GREE0010	No	61500	MERCURY SLUDGE SOLID FRACTN, DRY WT, MG/KG	10/27/75-03/22/76	0	6	
GREE0018	No	61500	MERCURY SLUDGE SOLID FRACTN, DRY WT, MG/KG	10/27/75-03/22/76	0	6	
GREE0026	No	61500	MERCURY SLUDGE SOLID FRACTN, DRY WT, MG/KG	10/27/75-03/22/76	0	6	
GREE0030	No	61500	MERCURY SLUDGE SOLID FRACTN, DRY WT, MG/KG	10/27/75-02/23/76	0	5	
GREE0031	No	61500	MERCURY SLUDGE SOLID FRACTN, DRY WT, MG/KG	10/27/75-03/22/76	0	6	
GREE0033	No	61500	MERCURY SLUDGE SOLID FRACTN, DRY WT, MG/KG	10/27/75-03/22/76	0	6	
GREE0035	No	61500	MERCURY SLUDGE SOLID FRACTN, DRY WT, MG/KG	10/27/75-03/22/76	0	6	
GREE0040	No	61500	MERCURY SLUDGE SOLID FRACTN, DRY WT, MG/KG	10/27/75-03/22/76	0	6	
GREE0042	No	61500	MERCURY SLUDGE SOLID FRACTN, DRY WT, MG/KG	10/27/75-03/22/76	0	6	
GREE0003	No	70299	SOLIDS, SUSP. - RESIDUE ON EVAP. AT 180 C (MG/L)	04/30/70-12/15/70	0	3	
GREE0004	No	70299	SOLIDS, SUSP. - RESIDUE ON EVAP. AT 180 C (MG/L)	04/30/70-12/15/70	0	3	
GREE0006	No	70299	SOLIDS, SUSP. - RESIDUE ON EVAP. AT 180 C (MG/L)	12/06/73-12/06/73	0	1	
GREE0006	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	08/19/63-09/02/94	31	7	
GREE0027	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	08/24/94-08/24/94	0	1	
GREE0047	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	08/02/84-08/02/84	0	1	

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Station/Parameter Period of Record Tabulation **From 01/03/59 To 09/02/94**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
GREE0050	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	08/02/84-08/02/84	0	1	
GREE0006	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/19/63-12/06/73	10	5	
GREE0006	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/19/63-04/26/80	16	9	
GREE0006	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/19/63-12/06/73	10	5	
GREE0006	No	70331	SUSPENDED SED SIEVE DIAMETER, % FINER THAN .062MM	10/23/79-08/12/81	1	12	
GREE0006	No	70332	SUSPENDED SED SIEVE DIAMETER, % FINER THAN .125MM	10/23/79-07/04/81	1	11	
GREE0006	No	70333	SUSPENDED SED SIEVE DIAMETER, % FINER THAN .250MM	10/23/79-07/04/81	1	11	
GREE0006	No	70334	SUSPENDED SED SIEVE DIAMETER, % FINER THAN .500MM	10/23/79-07/04/81	1	11	
GREE0006	No	70335	SUSPENDED SED SIEVE DIAMETER, % FINER THAN 1.00MM	10/23/79-07/04/81	1	8	
GREE0006	No	70336	SUSPENDED SED SIEVE DIAMETER, % FINER THAN 2.00MM	01/18/80-02/23/81	1	4	
GREE0006	No	70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	10/23/79-07/04/81	1	11	
GREE0006	No	70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	10/23/79-07/04/81	1	11	
GREE0006	No	70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	10/23/79-07/04/81	1	11	
GREE0006	No	70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	10/23/79-07/04/81	1	11	
GREE0034	No	70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	05/20/80-03/02/87	6	78	
GREE0043	No	70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	07/09/80-03/02/87	6	77	
GREE0006	No	71825	ACIDITY, TOTAL (MG/L AS H)	12/06/73-12/06/73	0	1	
GREE0006	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	03/13/80-02/11/81	0	14	
GREE0006	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	03/13/80-07/23/80	0	11	
GREE0006	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/19/63-07/23/80	16	5	
GREE0006	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	07/23/80-07/23/80	0	1	
GREE0034	No	71885	IRON (UG/L AS FE)	07/09/80-11/03/80	0	5	
GREE0043	No	71885	IRON (UG/L AS FE)	07/09/80-11/03/80	0	5	
GREE0003	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/30/70-12/15/70	0	4	
GREE0006	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	09/05/79-07/04/81	1	25	
GREE0034	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/03/79-04/07/81	1	19	
GREE0038	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/26/80-04/07/81	0	11	
GREE0046	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/06/79-12/01/80	1	6	
GREE0047	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/24/80-12/01/80	0	2	
GREE0048	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/24/80-12/01/80	0	2	
GREE0049	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/24/80-12/01/80	0	2	
GREE0050	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/24/80-12/01/80	0	2	
GREE0051	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/24/80-12/01/80	0	2	
GREE0052	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/24/80-12/01/80	0	2	
GREE0053	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/26/80-12/04/80	0	8	
GREE0006	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	03/13/80-08/12/81	1	23	
GREE0034	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	02/28/83-05/09/84	1	9	
GREE0043	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	02/28/83-05/09/84	1	9	
GREE0047	No	71900	MERCURY, TOTAL (UG/L AS HG)	11/16/73-08/02/84	10	50	
GREE0048	No	71900	MERCURY, TOTAL (UG/L AS HG)	12/18/74-12/18/74	0	1	
GREE0049	No	71900	MERCURY, TOTAL (UG/L AS HG)	11/16/73-12/01/80	7	48	
GREE0050	No	71900	MERCURY, TOTAL (UG/L AS HG)	11/16/73-08/02/84	10	49	
GREE0051	No	71900	MERCURY, TOTAL (UG/L AS HG)	12/18/74-12/18/74	0	1	
GREE0052	No	71900	MERCURY, TOTAL (UG/L AS HG)	11/16/73-12/01/80	7	50	
GREE0006	No	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	01/03/59-03/30/83	24	159	
GREE0034	No	74010	IRON, TOTAL (MG/L AS FE)	05/20/80-12/27/82	2	33	
GREE0043	No	74010	IRON, TOTAL (MG/L AS FE)	07/09/80-12/27/82	2	30	
GREE0046	No	74010	IRON, TOTAL (MG/L AS FE)	07/10/74-12/01/80	6	43	
GREE0047	No	74010	IRON, TOTAL (MG/L AS FE)	11/16/73-12/01/80	7	54	
GREE0048	No	74010	IRON, TOTAL (MG/L AS FE)	09/04/74-12/01/80	6	28	
GREE0049	No	74010	IRON, TOTAL (MG/L AS FE)	11/16/73-12/01/80	7	52	
GREE0050	No	74010	IRON, TOTAL (MG/L AS FE)	11/16/73-12/01/80	7	53	
GREE0051	No	74010	IRON, TOTAL (MG/L AS FE)	09/04/74-12/01/80	6	42	
GREE0052	No	74010	IRON, TOTAL (MG/L AS FE)	11/16/73-12/01/80	7	52	
GREE0006	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	01/03/59-08/12/81	22	79	T,S
GREE0027	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	08/24/94-08/24/94	0	1	
GREE0006	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	01/03/59-08/12/81	22	79	T,S
GREE0006	No	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	07/16/69-03/30/83	13	139	
GREE0009	Yes	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	04/15/83-04/15/83	0	1	
GREE0011	Yes	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	04/15/83-04/15/83	0	1	
GREE0012	No	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	04/15/83-04/15/83	0	1	
GREE0014	Yes	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	04/15/83-04/15/83	0	1	
GREE0016	No	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	04/15/83-04/15/83	0	1	
GREE0023	Yes	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	04/15/83-04/15/83	0	1	
GREE0008	Yes	82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/26/81-03/19/84	2	25	
GREE0013	Yes	82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/26/81-03/19/84	2	24	
GREE0015	Yes	82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/26/81-03/19/84	2	25	
GREE0017	No	82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/26/81-03/19/84	2	25	
GREE0019	No	82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/26/81-03/19/84	2	25	
GREE0021	Yes	82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/15/83-03/19/84	0	23	
GREE0022	Yes	82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/26/81-03/19/84	2	25	
GREE0024	Yes	82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/30/81-03/19/84	2	24	

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**Station/Parameter Period of Record Tabulation
From 01/03/59 To 09/02/94**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
GREE0025	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/26/81-03/19/84	2	25	
GREE0006	No	82133	DEOXYGENATION CONST,CARB,K1 TO BASE E,20C,PER DAY	06/30/79-06/10/81	1	31	
GREE0006	No	82398	SAMPLING METHOD (CODES)	01/02/80-07/23/80	0	14	
GREE0027	No	82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	08/24/94-08/24/94	0	1	
GREE0027	No	82660	DIETHYLANILINE, 2, 6-, 0.7UM FILT,TOT RECV,WTR UG/L	08/24/94-08/24/94	0	1	
GREE0027	No	82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	08/24/94-08/24/94	0	1	
GREE0027	No	82662	DIMETHOATE, 0.7 UM FILT,TOT RECV, WATER UG/L	08/24/94-08/24/94	0	1	
GREE0027	No	82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	08/24/94-08/24/94	0	1	
GREE0027	No	82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	08/24/94-08/24/94	0	1	
GREE0027	No	82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	08/24/94-08/24/94	0	1	
GREE0027	No	82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	08/24/94-08/24/94	0	1	
GREE0027	No	82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	08/24/94-08/24/94	0	1	
GREE0027	No	82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	08/24/94-08/24/94	0	1	
GREE0027	No	82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	08/24/94-08/24/94	0	1	
GREE0027	No	82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	08/24/94-08/24/94	0	1	
GREE0027	No	82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	08/24/94-08/24/94	0	1	
GREE0027	No	82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	08/24/94-08/24/94	0	1	
GREE0027	No	82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	08/24/94-08/24/94	0	1	
GREE0027	No	82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	08/24/94-08/24/94	0	1	
GREE0027	No	82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	08/24/94-08/24/94	0	1	
GREE0027	No	82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	08/24/94-08/24/94	0	1	
GREE0027	No	82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	08/24/94-08/24/94	0	1	
GREE0027	No	82678	TRIALATE, 0.7 UM FILT, TOT RECV, WATER UG/L	08/24/94-08/24/94	0	1	
GREE0027	No	82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	08/24/94-08/24/94	0	1	
GREE0027	No	82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	08/24/94-08/24/94	0	1	
GREE0027	No	82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	08/24/94-08/24/94	0	1	
GREE0027	No	82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	08/24/94-08/24/94	0	1	
GREE0027	No	82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	08/24/94-08/24/94	0	1	
GREE0027	No	82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	08/24/94-08/24/94	0	1	
GREE0027	No	82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	08/24/94-08/24/94	0	1	
GREE0027	No	82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	08/24/94-08/24/94	0	1	
GREE0027	No	82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	08/24/94-08/24/94	0	1	

¹T=Time Series Plot, A=Annual Plot, S=Seasonal Plot

Station-By-Station Results

Station Inventory for Station: GREE0001

NPS Station ID: GREE0001
 Location: BEAVERDAM C-ARDMORE ARDWICK RD
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes: 0214001 002640 00080
 RMI-Miles: 0109.10 0006.50 005.30
 HUC: 02070010
 Major Basin: NORTH ATLANTIC
 Minor Basin: POTOMAC R
 RF1 Index: 02070010
 RF3 Index: 02070010007300.00
 Description:

LAT/LON: 38.943615/ -76.873059

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 0.29

Agency: 21MDPGHD
 FIPS State/County: 24033 MARYLAND/PRINCE GEORGES
 STORET Station ID(s): B-10 /243043 /PO-B-10
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 13.50
 Distance from RF3: 0.03

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: GREE0001

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/24/73-01/20/81	64	13.75	13.623	28.	0.	66.281	8.141	3.5	6.	21.	25.
00070 TURBIDITY, (JACKSON CANDLE UNITS)	01/08/75-01/08/75	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	04/24/73-01/20/81	67	9.5	9.467	15.	5.6	5.312	2.305	6.58	7.5	11.1	12.52
00310 BOD, 5 DAY, 20 DEG C MG/L	01/08/74-02/03/75	8	9.1	9.112	18.5	2.9	22.664	4.761	**	**	**	**
00400 PH (STANDARD UNITS)	04/24/73-01/20/81	66	7.2	7.138	9.09	3.46	0.675	0.822	6.473	6.9	7.6	8.03
00400 CONVERTED PH (STANDARD UNITS)	04/24/73-01/20/81	66	7.2	5.222	9.09	3.46	4.4	2.098	6.473	6.9	7.6	8.03
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/24/73-01/20/81	66	0.063	5.992	346.737	0.001	1836.616	42.856	0.009	0.025	0.126	0.338
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/08/74-01/08/75	6	0.007	1.227	7.3	0.	8.851	2.975	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	01/08/74-01/08/75	7	1.1	4.732	12.	0.007	29.766	5.456	**	**	**	**
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	01/08/74-01/08/75	7	3.3	5.124	18.	0.16	37.62	6.133	**	**	**	**
01000 ARSENIC, DISSOLVED (UG/L AS AS)	11/03/75-03/01/76	4	6.	6.	12.	0.	24.667	4.967	**	**	**	**
30000 DIMETHOATE, SOIL, RECOVERABLE MG/KG	11/03/75-03/01/76	4	11.	11.25	14.	9.	6.917	2.63	**	**	**	**
31501 COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/17/76-01/20/81	34	4300.	24848.206	240000.	29.	2674917416.108	51719.604	190.	930.	10725.	93000.
31501 LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	05/17/76-01/20/81	34	3.633	3.598	5.38	1.462	0.874	0.935	2.269	2.968	4.02	4.968
31501 GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3961.255								
31505 COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/28/73-03/01/76	34	1900.	10921.471	93000.	0.	494626210.787	22240.194	2.25	430.	15000.	23000.
31505 LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150)	02/28/73-03/01/76	34	3.269	3.037	4.968	0.	1.871	1.368	0.327	2.633	4.176	4.362
31505 GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	GEOMETRIC MEAN =			1088.603								
31515 INVALID PARM	08/04/75-10/06/75	2	33000.	33000.	43000.	23000.	200000000.	14142.136	**	**	**	**
31615 FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/28/73-01/20/81	69	430.	2558.319	43000.	0.	38546921.066	6208.617	9.	93.	1900.	9300.
31615 LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/28/73-01/20/81	69	2.633	2.501	4.633	0.	1.235	1.111	0.954	1.968	3.269	3.968
31615 GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			316.768								
40000 INVALID PARAMETER	11/03/75-03/01/76	4	7.3	7.325	7.7	7.	0.089	0.299	**	**	**	**
50060 CHLORINE, TOTAL RESIDUAL (MG/L)	01/08/74-01/08/75	5	4.	3.8	4.	3.5	0.075	0.274	**	**	**	**
50531 BENZENE, 1,2-PROPADIENYL- UG/L	11/03/75-03/01/76	4	2300.	5132.5	15000.	930.	43691558.333	6609.959	**	**	**	**
61500 MERCURY SLUDGE SOLID FRACTN,DRY WT,MG/KG	11/03/75-03/01/76	4	430.	827.5	2300.	150.	981091.667	990.501	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GREE0001

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
00070 TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	67	0	0.00	16	0	0.00	37	0	0.00	14	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GREE0001

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Fresh Chronic	9.	66	1	0.02	16	0	0.00	37	1	0.03	13	0	0.00			
	Other-Lo Lim.	6.5	66	7	0.11	16	1	0.06	37	4	0.11	13	2	0.15			
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	7	2	0.29				7	2	0.29						
01000 ARSENIC, DISSOLVED	Fresh Acute	360.	4	0	0.00				4	0	0.00						
	Drinking Water	50.	4	0	0.00				4	0	0.00						
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	34	24	0.71	9	9	1.00	18	9	0.50	7	6	0.86			
31505 COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	34	19	0.56	5	5	1.00	21	6	0.29	8	8	1.00			
31615 FECAL COLIFORM, MPN	Other-Hi Lim.	200.	69	46	0.67	16	16	1.00	38	17	0.45	15	13	0.87			
50060 CHLORINE, TOTAL RESIDUAL	Fresh Acute	0.019	5	5	1.00				5	5	1.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station GREE0001

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/24/73-01/20/81	5	21.	21.4	26.	18.	12.8	3.578	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/24/73-01/20/81	5	7.4	7.56	9.2	5.8	1.588	1.26	**	**	**	**
00400	PH (STANDARD UNITS)	04/24/73-01/20/81	5	7.3	7.24	7.6	6.8	0.143	0.378	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/24/73-01/20/81	5	7.3	7.114	7.6	6.8	0.163	0.404	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/24/73-01/20/81	5	0.05	0.077	0.158	0.025	0.004	0.062	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/28/73-01/20/81	6	580.	2401.167	9300.	4.	13605211.367	3688.524	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/28/73-01/20/81	6	2.665	2.521	3.968	0.602	1.587	1.26	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			331.804								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GREE0001

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/24/73-01/20/81	10	15.5	13.9	24.	3.	62.656	7.916	3.15	5.625	22.25	23.9
00300	OXYGEN, DISSOLVED MG/L	04/24/73-01/20/81	11	8.2	8.491	11.4	5.9	2.979	1.726	6.1	7.	9.9	11.24
00400	PH (STANDARD UNITS)	04/24/73-01/20/81	10	7.05	6.981	7.8	6.	0.294	0.542	6.041	6.553	7.425	7.77
00400	CONVERTED PH (STANDARD UNITS)	04/24/73-01/20/81	10	7.047	6.672	7.8	6.	0.4	0.632	6.041	6.552	7.425	7.77
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/24/73-01/20/81	10	0.09	0.213	1.	0.016	0.09	0.3	0.017	0.038	0.286	0.939
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/28/73-01/20/81	12	1900.	3668.583	15000.	0.	21806318.629	4669.724	0.	127.25	6700.	13290.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/28/73-01/20/81	12	3.269	2.755	4.176	0.	2.051	1.432	0.	2.067	3.815	4.114
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			568.739								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GREE0001

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/24/73-01/20/81	13	7	9.954	24	2.5	51.973	7.209	2.62	4	15.5	22.8
00300	OXYGEN, DISSOLVED MG/L	04/24/73-01/20/81	17	9.5	9.329	12	5.9	3.491	1.868	6.46	7.55	10.95	11.68
00400	PH (STANDARD UNITS)	04/24/73-01/20/81	16	6.935	6.666	7.6	3.46	1.225	1.107	4.125	6.848	7.208	7.46
00400	CONVERTED PH (STANDARD UNITS)	04/24/73-01/20/81	16	6.934	4.616	7.6	3.46	5.704	2.388	4.125	6.847	7.207	7.46
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/24/73-01/20/81	16	0.117	24.192	346.737	0.025	7491.737	86.555	0.035	0.062	0.142	131.254
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/28/73-01/20/81	15	230.	1096.067	9300.	0.	5744007.174	2396.666	0.9	9.	930.	5100.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/28/73-01/20/81	15	2.362	2.058	3.968	0.	1.52	1.233	0.106	0.954	2.968	3.604
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			114.16								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GREE0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/24/73-01/20/81	8	12.	12.375	28.	0.	96.839	9.841	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/24/73-01/20/81	6	11.75	10.967	15.	5.7	14.531	3.812	**	**	**	**
00400	PH (STANDARD UNITS)	04/24/73-01/20/81	7	7.7	7.633	8.3	6.98	0.26	0.51	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/24/73-01/20/81	7	7.7	7.393	8.3	6.98	0.327	0.572	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/24/73-01/20/81	7	0.02	0.04	0.105	0.005	0.002	0.043	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/28/73-01/20/81	8	965.	8810.25	43000.	9.	241427441.357	15537.936	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/28/73-01/20/81	8	2.905	2.937	4.633	0.954	1.554	1.247	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			865.35								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GREE0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/24/73-01/20/81	10	16.5	15.85	27.	4.	58.114	7.623	4.1	9.5	22.25	26.6
00300	OXYGEN, DISSOLVED MG/L	04/24/73-01/20/81	10	10.8	10.66	13.6	8.	3.66	1.913	8.02	8.95	12.5	13.49
00400	PH (STANDARD UNITS)	04/24/73-01/20/81	10	7.455	7.153	8.1	5.6	0.63	0.794	5.63	6.785	7.6	8.05
00400	CONVERTED PH (STANDARD UNITS)	04/24/73-01/20/81	10	7.453	6.389	8.1	5.6	1.278	1.13	5.63	6.785	7.6	8.05
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/24/73-01/20/81	10	0.035	0.408	2.512	0.008	0.694	0.833	0.01	0.025	0.377	2.387
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/28/73-01/20/81	10	680.	1638.3	9300.	43.	7529797.789	2744.048	77.7	420.	1500.	8520.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/28/73-01/20/81	10	2.801	2.857	3.968	1.633	0.362	0.602	1.729	2.623	3.176	3.889
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			719.353								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GREE0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/24/73-01/20/81	6	10.5	12.	27.	1.	95.2	9.757	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/24/73-01/20/81	6	10.35	10.183	13.1	7.1	4.194	2.048	**	**	**	**
00400	PH (STANDARD UNITS)	04/24/73-01/20/81	6	6.85	6.883	7.2	6.6	0.054	0.232	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/24/73-01/20/81	6	6.847	6.835	7.2	6.6	0.056	0.238	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/24/73-01/20/81	6	0.142	0.146	0.251	0.063	0.005	0.072	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/28/73-01/20/81	6	136.5	363.167	930.	23.	198853.367	445.93	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/28/73-01/20/81	6	1.998	2.109	2.968	1.362	0.577	0.76	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			128.608								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GREE0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/24/73-01/20/81	11	12.	14.455	28.	6.	66.473	8.153	6.	8.	25.	27.4
00300	OXYGEN, DISSOLVED MG/L	04/24/73-01/20/81	11	8.8	8.727	12.	5.6	3.558	1.886	5.78	7.5	10.2	11.72
00400	PH (STANDARD UNITS)	04/24/73-01/20/81	11	7.56	7.693	9.09	6.5	0.525	0.725	6.602	7.3	8.23	8.972
00400	CONVERTED PH (STANDARD UNITS)	04/24/73-01/20/81	11	7.56	7.251	9.09	6.5	0.74	0.86	6.602	7.3	8.23	8.972
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/24/73-01/20/81	11	0.028	0.056	0.316	0.001	0.008	0.091	0.001	0.006	0.05	0.273
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/28/73-01/20/81	11	390.	1145.	7500.	9.	4859590.4	2204.448	25.8	93.	930.	6460.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/28/73-01/20/81	11	2.591	2.512	3.875	0.954	0.588	0.767	1.157	1.968	2.968	3.772
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			325.328								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GREE0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/24/73-01/20/81	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/24/73-01/20/81	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	04/24/73-01/20/81	1	7.56	7.56	7.56	7.56	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/24/73-01/20/81	1	7.56	7.56	7.56	7.56	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/24/73-01/20/81	1	0.028	0.028	0.028	0.028	0.	0.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/28/73-01/20/81	1	14.	14.	14.	14.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/28/73-01/20/81	1	1.146	1.146	1.146	1.146	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station GREE0001

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/24/73-01/20/81	16	23.5	22.531	28.	15.5	18.716	4.326	15.85	18.25	26.75	28.
00300	OXYGEN, DISSOLVED MG/L	04/24/73-01/20/81	16	7.35	7.7	15.	5.7	4.579	2.14	5.77	6.675	7.95	10.73
00400	PH (STANDARD UNITS)	04/24/73-01/20/81	16	7.455	7.41	8.3	6.5	0.299	0.547	6.57	7.025	7.837	8.16
00400	CONVERTED PH (STANDARD UNITS)	04/24/73-01/20/81	16	7.453	7.099	8.3	6.5	0.403	0.635	6.57	7.025	7.837	8.16
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/24/73-01/20/81	16	0.035	0.08	0.316	0.005	0.01	0.1	0.007	0.015	0.095	0.271
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/28/73-01/20/81	16	1465.	6275.	43000.	230.	114556293.333	10703.097	342.	930.	8850.	23400.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/28/73-01/20/81	16	3.166	3.355	4.633	2.362	0.416	0.645	2.522	2.968	3.945	4.313
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2264.691								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station GREE0001

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/24/73-01/20/81	33	6	7.042	17.	0.	17.267	4.155	2.62	4.	10.3	13.3
00300	OXYGEN, DISSOLVED MG/L	04/24/73-01/20/81	37	10.3	10.378	15.	5.6	4.766	2.183	6.98	9.45	11.8	13.2
00400	PH (STANDARD UNITS)	04/24/73-01/20/81	37	7.1	7.033	9.09	3.46	0.857	0.926	6.328	6.9	7.5	7.62
00400	CONVERTED PH (STANDARD UNITS)	04/24/73-01/20/81	37	7.1	4.978	9.09	3.46	5.201	2.281	6.328	6.9	7.5	7.62
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/24/73-01/20/81	37	0.079	10.531	346.737	0.001	3267.732	57.164	0.024	0.032	0.126	0.511
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/28/73-01/20/81	38	93.	626.789	9300.	0.	2523909.13	1588.682	1.35	12.75	430.	2300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/28/73-01/20/81	38	1.968	1.92	3.968	0.	1.102	1.05	0.158	1.098	2.633	3.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			83.155								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GREE0001

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/24/73-01/20/81	15	18.	18.6	25.	8.5	19.436	4.409	11.8	15.5	22.	24.4
00300	OXYGEN, DISSOLVED MG/L	04/24/73-01/20/81	14	9.15	9.079	11.5	6.5	2.117	1.455	6.95	8.	10.275	11.3
00400	PH (STANDARD UNITS)	04/24/73-01/20/81	13	7.2	7.101	8.23	5.6	0.575	0.758	5.72	6.8	7.64	8.178
00400	CONVERTED PH (STANDARD UNITS)	04/24/73-01/20/81	13	7.2	6.455	8.23	5.6	1.027	1.014	5.72	6.8	7.64	8.178
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/24/73-01/20/81	13	0.063	0.351	2.512	0.006	0.532	0.729	0.007	0.023	0.158	2.011
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/28/73-01/20/81	15	1500.	3487.067	21000.	43.	30980920.638	5566.051	73.	390.	3900.	13980.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/28/73-01/20/81	15	3.176	3.061	4.322	1.633	0.553	0.744	1.834	2.591	3.591	4.11
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1150.843								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GREE0002

NPS Station ID: GREE0002
 Location: DECATUR ROAD BRIDGE, D.C.
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes: 0214001 002640
 RMI-Miles: 0097.00 0009.80
 HUC: 02070010
 Major Basin: MIDDLE ATLANTIC
 Minor Basin: POTOMAC
 RF1 Index: 02070010030
 RF3 Index: 02070010003202.39
 Description:

LAT/LON: 38.948892/ -76.934726

Depth of Water: 8
 Elevation: 0

RF1 Mile Point: 1.030
 RF3 Mile Point: 3.07

Agency: 31POTOMA
 FIPS State/County: 11000 DISTRICT OF COLU/
 STORET Station ID(s): 101029 /97-9.8
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.15

On/Off RF1: OFF
 On/Off RF3:

POTOMAC RIVER WATER QUALITY NETWORK-INTERSTATE COMMISSION ON THE POTOMAC RIVER BASIN.
 STATION LOCATION AT DECATUR ROAD BRIDGE, ON THE NE BRANCH OF ANACOSTIA RIVER, PRINCE GEORGES COUNTY, MARYLAND.
 PARTICIPATING AGENCY D. C. DEPT. OF SANITARY ENGINEERING.

Parameter Inventory for Station: GREE0002

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/70-01/27/76	243	17.	16.344	30.9	0.9	71.42	8.451	4.62	8.5	24.5	26.8
00060 FLOW, STREAM, MEAN DAILY CFS	02/29/72-03/14/72	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00070 TURBIDITY, (JACKSON CANDLE UNITS)	05/20/70-05/20/74	87	30.	42.471	500.	11.	3167.508	56.281	20.	24.	43.	58.4
00300 OXYGEN, DISSOLVED MG/L	05/20/70-01/27/76	250	10.7	10.729	18.	5.1	5.474	2.34	7.5	8.9	12.6	13.7
00301 OXYGEN, DISSOLVED, PERCENT OF SATURATION %	05/20/70-01/27/76	250	102.	105.568	198.	63.	408.969	20.223	87.	93.	110.	133.
00310 BOD, 5 DAY, 20 DEG C MG/L	12/31/73-03/19/74	10	4.9	4.1	7.9	1.1	4.34	2.083	1.12	2.125	5.025	7.65
00400 PH (STANDARD UNITS)	05/20/70-01/27/76	237	7.4	7.431	9.6	6.1	0.252	0.502	6.9	7.2	7.6	8.02
00400 CONVERTED PH (STANDARD UNITS)	05/20/70-01/27/76	237	7.4	7.204	9.6	6.1	0.304	0.552	6.9	7.2	7.6	8.02
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/20/70-01/27/76	237	0.04	0.063	0.794	0.	0.008	0.087	0.01	0.025	0.063	0.126
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	05/20/70-01/27/76	244	30.	32.43	116.	6.	149.168	12.213	20.	24.	40.	48.
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/31/73-03/19/74	10	24.	26.4	40.	16.	73.6	8.579	16.2	19.5	34.	40.
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/31/73-03/19/74	9	3.6	4.233	8.8	0.5	6.873	2.622	0.5	2.15	6.2	8.8
00940 CHLORIDE,TOTAL IN WATER MG/L	05/20/70-01/27/76	244	23.	25.799	94.	7.	112.622	10.612	17.	20.	28.75	36.5
31505 COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/20/70-01/27/76	225	7900.	38814.933	460000.	130.	5561196117.964	74573.428	1300.	3300.	35000.	160000.
31505 LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/20/70-01/27/76	225	3.898	3.969	5.663	2.114	0.563	0.75	3.114	3.519	4.544	5.204
31505 GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9311.028								
31615 FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/20/70-01/27/76	223	2400.	13793.229	240000.	20.	1415906085.024	37628.528	230.	790.	7900.	31200.
31615 LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/20/70-01/27/76	223	3.38	3.406	5.38	1.301	0.621	0.788	2.362	2.898	3.898	4.491
31615 GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2545.039								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/11/71-08/11/71	1	200.	200.	200.	200.	0.	0.	**	**	**	**
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/11/71-08/11/71	1	2.301	2.301	2.301	2.301	0.	0.	**	**	**	**
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			200.								
31679 FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	12/31/73-03/19/74	10	7.5	7.5	8.	7.	0.278	0.527	7.	7.	8.	8.
31679 LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	12/31/73-03/19/74	10	0.874	0.874	0.903	0.845	0.001	0.031	0.845	0.845	0.903	0.903
31679 GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			7.483								
32730 PHENOLICS, TOTAL, RECOVERABLE (UG/L)	12/31/73-03/19/74	10	19.5	20.9	37.	14.	40.322	6.35	14.2	16.75	23.	35.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GREE0002

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	50.	87	16	0.18	39	8	0.21	18	3	0.17	30	5	0.17			
00300	OXYGEN, DISSOLVED	4.	250	0	0.00	85	0	0.00	100	0	0.00	65	0	0.00			
00400	PH	9.	237	4	0.02	84	3	0.04	89	0	0.00	64	1	0.02			
		6.5	237	3	0.01	84	1	0.01	89	2	0.02	64	0	0.00			
00940	CHLORIDE, TOTAL IN WATER	860.	244	0	0.00	85	0	0.00	94	0	0.00	65	0	0.00			
		250.	244	0	0.00	85	0	0.00	94	0	0.00	65	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	1000.	225	212	0.94	78	75	0.96	86	80	0.93	61	57	0.93			
31615	FECAL COLIFORM, MPN	200.	223	209	0.94	76	73	0.96	86	80	0.93	61	56	0.92			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	1	1	1.00	1	1	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1970 - Station GREE0002

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	29	23.2	19.472	30.9	2.4	80.386	8.966	3.6	12.55	25.85	28.
00300	OXYGEN, DISSOLVED MG/L	29	11.1	11.528	18.	7.8	6.903	2.627	8.3	9.3	13.5	14.7
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	29	117.	122.517	196.	84.	755.901	27.494	92.	97.5	139.5	163.
00400	PH (STANDARD UNITS)	29	7.4	7.8	9.6	6.8	0.697	0.835	6.9	7.2	8.7	9.1
00400	CONVERTED PH (STANDARD UNITS)	29	7.4	7.352	9.6	6.8	0.905	0.951	6.9	7.2	8.7	9.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	29	0.04	0.044	0.158	0.	0.002	0.044	0.001	0.002	0.063	0.126
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	29	38.	40.552	70.	14.	157.399	12.546	24.	32.	49.	60.
00940	CHLORIDE, TOTAL IN WATER MG/L	29	30.	36.724	94.	19.	285.207	16.888	23.	25.	47.	59.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	29	13000.	64505.862	460000.	170.13146599925.123	114658.623	1700.	3300.	64000.	240000.	
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	29	4.114	4.169	5.663	2.23	0.679	0.824	3.23	3.519	4.794	5.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN = 14742.288										
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	29	2300.	8097.241	93000.	70.	310996563.547	17635.095	110.	645.	8450.	24000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	29	3.362	3.314	4.968	1.845	0.64	0.8	2.041	2.797	3.926	4.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN = 2060.184										

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station GREE0002

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	42	17.35	15.874	30.2	0.9	80.867	8.993	4.33	7.95	24.6	27.78
00300	OXYGEN, DISSOLVED MG/L	42	12.	11.631	16.2	7.1	4.375	2.092	8.49	10.1	13.05	14.04
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	42	108.	115.786	198.	64.	706.368	26.578	93.6	99.75	120.25	161.4
00400	PH (STANDARD UNITS)	42	7.3	7.407	9.1	6.1	0.301	0.548	6.73	7.2	7.6	8.27
00400	CONVERTED PH (STANDARD UNITS)	42	7.3	7.117	9.1	6.1	0.387	0.622	6.73	7.2	7.6	8.27
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	42	0.05	0.076	0.794	0.001	0.016	0.126	0.005	0.025	0.063	0.187
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	42	28.	28.762	46.	14.	57.357	7.573	18.6	22.	34.	40.
00940	CHLORIDE, TOTAL IN WATER MG/L	42	29.	30.548	67.	18.	107.815	10.383	20.	22.75	34.	44.1
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	42	4000.	9753.571	70000.	130.	244107345.47	15623.935	381.	1375.	9500.	35000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	42	3.602	3.569	4.845	2.114	0.422	0.65	2.573	3.138	3.976	4.544
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN = 3706.712										
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	41	800.	2222.683	22000.	20.	14367550.122	3790.455	230.	490.	2400.	4900.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	41	2.903	2.98	4.342	1.301	0.347	0.589	2.362	2.69	3.38	3.69
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN = 955.859										

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station GREE0002

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	47	17.4	16.404	27.7	3.7	54.99	7.416	6.46	9.	23.6	25.84
00300	OXYGEN, DISSOLVED MG/L	47	11.	11.032	15.2	6.	3.665	1.914	8.88	9.9	12.3	13.64
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	47	107.	110.532	152.	75.	280.08	16.736	92.	96.	122.	135.2
00400	PH (STANDARD UNITS)	47	7.3	7.309	8.5	6.1	0.158	0.398	6.88	7.1	7.5	7.72
00400	CONVERTED PH (STANDARD UNITS)	47	7.3	7.114	8.5	6.1	0.197	0.444	6.88	7.1	7.5	7.72
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	47	0.05	0.077	0.794	0.003	0.014	0.117	0.019	0.032	0.079	0.132
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	47	26.	27.447	60.	6.	130.209	11.411	16.	20.	30.	46.4
00940	CHLORIDE, TOTAL IN WATER MG/L	47	25.	27.532	57.	13.	97.602	9.879	15.	21.	34.	40.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	40	4900.	15152.5	240000.	1300.	1439245634.615	37937.391	1750.	3300.	13000.	24000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	40	3.69	3.82	5.38	3.114	0.22	0.469	3.242	3.519	4.114	4.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN = 6602.149										
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	39	2400.	4790.769	35000.	50.	47914144.13	6922.004	230.	1100.	7000.	11000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	39	3.38	3.32	4.544	1.699	0.409	0.64	2.362	3.041	3.845	4.041
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN = 2090.165										

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station GREE0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/70-01/27/76	47	13.	14.46	28.1	2.4	61.043	7.813	3.96	7.6	22.2	25.48
00300	OXYGEN, DISSOLVED MG/L	05/20/70-01/27/76	47	10.1	10.204	14.	6.6	5.25	2.291	7.08	8.	12.5	13.44
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	05/20/70-01/27/76	47	95.	95.702	118.	77.	84.648	9.2	82.8	89.	104.	107.
00400	PH (STANDARD UNITS)	05/20/70-01/27/76	45	7.3	7.311	8.	6.6	0.094	0.306	6.9	7.1	7.55	7.64
00400	CONVERTED PH (STANDARD UNITS)	05/20/70-01/27/76	45	7.3	7.201	8.	6.6	0.106	0.326	6.9	7.1	7.55	7.64
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/20/70-01/27/76	45	0.05	0.063	0.251	0.01	0.003	0.051	0.023	0.028	0.079	0.126
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/20/70-01/27/76	47	28.	29.064	48.	16.	83.105	9.116	19.6	22.	36.	46.
00940	CHLORIDE, TOTAL IN WATER MG/L	05/20/70-01/27/76	47	21.	20.277	28.	8.	14.813	3.849	15.	19.	23.	25.
31505	COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	05/20/70-01/27/76	46	9450.	53575.87	350000.	790. 678853	1095.894	82392.543	2370.	4825.	54000.	191000.
31505	LOG COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 3150	05/20/70-01/27/76	46	3.97	4.212	5.544	2.898	0.505	0.71	3.375	3.683	4.732	5.275
31505	GM COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506	GEOMETRIC MEAN =			16302.801								
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	05/20/70-01/27/76	46	3300.	17566.957	240000.	230. 1842616	203.865	42925.706	763.	1700.	9175.	40700.
31615	LOG FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	05/20/70-01/27/76	46	3.519	3.659	5.38	2.362	0.441	0.664	2.882	3.23	3.952	4.601
31615	GM FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	GEOMETRIC MEAN =			4564.627								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GREE0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/70-01/27/76	29	21.	18.866	30.2	2.5	63.623	7.976	4.8	14.15	25.9	26.6
00300	OXYGEN, DISSOLVED MG/L	05/20/70-01/27/76	36	10.3	10.508	14.	5.9	4.387	2.095	7.57	8.9	12.15	13.33
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	05/20/70-01/27/76	36	103.	103.222	135.	72.	146.063	12.086	88.7	97.	109.75	118.2
00400	PH (STANDARD UNITS)	05/20/70-01/27/76	29	7.4	7.417	8.4	6.3	0.127	0.357	7.1	7.3	7.5	7.8
00400	CONVERTED PH (STANDARD UNITS)	05/20/70-01/27/76	29	7.4	7.244	8.4	6.3	0.158	0.398	7.1	7.3	7.5	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/20/70-01/27/76	29	0.04	0.057	0.501	0.004	0.008	0.088	0.016	0.032	0.05	0.079
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/20/70-01/27/76	29	40.	37.655	62.	16.	115.163	10.731	22.	30.	46.	50.
00940	CHLORIDE, TOTAL IN WATER MG/L	05/20/70-01/27/76	29	23.	23.414	36.	15.	27.323	5.227	17.	20.	25.	33.
31505	COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	05/20/70-01/27/76	24	13500.	45941.667	240000.	1400.	4890273840.58	69930.493	2400.	5425.	54000.	200000.
31505	LOG COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 3150	05/20/70-01/27/76	24	4.13	4.239	5.38	3.146	0.398	0.631	3.38	3.729	4.732	5.292
31505	GM COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506	GEOMETRIC MEAN =			17336.648								
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	05/20/70-01/27/76	24	2900.	24785.	160000.	50.	1637371060.87	40464.442	410.	917.5	44750.	92000.
31615	LOG FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	05/20/70-01/27/76	24	3.461	3.7	5.204	1.699	0.829	0.911	2.604	2.952	4.607	4.964
31615	GM FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	GEOMETRIC MEAN =			5015.176								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GREE0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/70-01/27/76	45	15.9	16.278	27.7	1.	72.209	8.498	3.88	8.8	26.35	26.84
00300	OXYGEN, DISSOLVED MG/L	05/20/70-01/27/76	45	9.2	9.493	14.6	5.1	5.537	2.353	6.66	7.75	11.05	13.14
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	05/20/70-01/27/76	45	93.	92.4	109.	63.	75.064	8.664	80.6	88.	98.	103.4
00400	PH (STANDARD UNITS)	05/20/70-01/27/76	42	7.4	7.46	8.8	6.6	0.174	0.417	6.93	7.2	7.7	7.97
00400	CONVERTED PH (STANDARD UNITS)	05/20/70-01/27/76	42	7.4	7.292	8.8	6.6	0.203	0.45	6.93	7.2	7.7	7.97
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/20/70-01/27/76	42	0.04	0.051	0.251	0.002	0.002	0.048	0.011	0.02	0.063	0.118
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/20/70-01/27/76	46	32.	36.065	116.	20.	237.707	15.418	23.4	28.	44.5	50.6
00940	CHLORIDE, TOTAL IN WATER MG/L	05/20/70-01/27/76	46	20.	20.043	35.	7.	29.376	5.42	13.	17.	23.25	25.6
31505	COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	05/20/70-01/27/76	40	6400.	50541.25	240000.	230.	6565348303.526	81026.837	700.	1325.	82500.	240000.
31505	LOG COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 3150	05/20/70-01/27/76	40	3.794	3.933	5.38	2.362	0.866	0.931	2.845	3.122	4.906	5.38
31505	GM COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506	GEOMETRIC MEAN =			8565.675								
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	05/20/70-01/27/76	40	2200.	22732.	240000.	110.	2944111411.282	54259.667	175.	542.5	15500.	54000.
31615	LOG FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	05/20/70-01/27/76	40	3.342	3.469	5.38	2.041	0.875	0.935	2.242	2.729	4.183	4.732
31615	GM FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	GEOMETRIC MEAN =			2941.355								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GREE0002

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/70-01/27/76	4	2.2	2.475	4.5	1.	2.309	1.52	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	05/20/70-01/27/76	4	13.9	13.975	14.5	13.6	0.169	0.411	**	**	**	**
00301 OXYGEN, DISSOLVED, PERCENT OF SATURATION %	05/20/70-01/27/76	4	101.5	102.25	106.	100.	6.917	2.63	**	**	**	**
00400 PH (STANDARD UNITS)	05/20/70-01/27/76	3	7.6	7.633	7.9	7.4	0.063	0.252	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	05/20/70-01/27/76	3	7.6	7.588	7.9	7.4	0.066	0.258	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/20/70-01/27/76	3	0.025	0.026	0.04	0.013	0.	0.014	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	05/20/70-01/27/76	4	30.	30.5	40.	22.	54.333	7.371	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	05/20/70-01/27/76	4	25.	24.75	28.	21.	8.917	2.986	**	**	**	**
31505 COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	05/20/70-01/27/76	4	7450.	64550.	240000.	3300.13685163333.333	116983.603	**	**	**	**	**
31505 LOG COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 3150)	05/20/70-01/27/76	4	3.871	4.16	5.38	3.519	0.689	0.83	**	**	**	**
31505 GM COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	GEOMETRIC MEAN =			14466.47								
31615 FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	05/20/70-01/27/76	4	4900.	62725.	240000.	1100.13970509166.667	118196.908	**	**	**	**	**
31615 LOG FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	05/20/70-01/27/76	4	3.69	3.95	5.38	3.041	1.002	1.001	**	**	**	**
31615 GM FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	GEOMETRIC MEAN =			8922.756								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GREE0003

NPS Station ID: GREE0003
 Location: NORTHEAST BRANCH DECATUR ST.BR.
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02070010
 Major Basin: NORTH ATLANTIC
 Minor Basin: POTOMAC RIVER
 RF1 Index: 02070010030
 RF3 Index: 02070010003100.05
 Description:

LAT/LON: 38.950559/ -76.934449

Depth of Water: 1
 Elevation: 0

RF1 Mile Point: 1.150
 RF3 Mile Point: 0.31

Agency: 1113AAWQ
 FIPS State/County: 24000 MARYLAND/
 STORET Station ID(s): POTOMAC 009 /009 /ANACOST-AA9
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.05

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: GREE0003

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/30/70-12/15/70	4	23.	19.25	26.	5.	94.917	9.743	**	**	**	**
00070 TURBIDITY, (JACKSON CANDLE UNITS)	04/30/70-12/15/70	4	12.	19.75	50.	5.	420.25	20.5	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	04/30/70-12/15/70	4	8.75	9.675	12.5	8.7	3.549	1.884	**	**	**	**
00311 BOD, DISSOLVED, 5 DAY MG/L	06/08/70-12/15/70	3	3.8	4.2	5.7	3.1	1.81	1.345	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/30/70-12/15/70	4	0.159	0.132	0.182	0.027	0.005	0.072	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/30/70-12/15/70	4	0.478	0.511	0.852	0.236	0.069	0.263	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/30/70-12/15/70	4	1.255	1.255	1.52	0.99	0.084	0.289	**	**	**	**
00660 PHOSPHATE, ORTHO (MG/L AS PO4)	06/08/70-12/15/70	3	0.26	0.25	0.39	0.1	0.021	0.145	**	**	**	**
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	07/07/70-12/15/70	2	6.6	6.6	7.5	5.7	1.62	1.273	**	**	**	**
31614 FECAL COLIFORM,MPN,TUBE CONFIGURATION	06/08/70-12/15/70	3	380.	1936.667	5420.	10.	9134433.333	3022.323	**	**	**	**
31614 LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	06/08/70-12/15/70	3	2.58	2.438	3.734	1.	1.884	1.373	**	**	**	**
31614 GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			274.112								
32210 CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	04/30/70-12/15/70	4	4.5	4.9	9.8	0.8	19.713	4.44	**	**	**	**
70299 SOLIDS, SUSP. - RESIDUE ON EVAP. AT 180 C (MG/L)	04/30/70-12/15/70	3	15.	18.667	27.	14.	52.333	7.234	**	**	**	**
71886 PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/30/70-12/15/70	4	0.25	0.253	0.32	0.19	0.004	0.062	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GREE0003

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070 TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	4	1	0.25	1	1	1.00	1	0	0.00	2	0	0.00			
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
00630 NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
31614 FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	3	2	0.67	1	1	1.00	1	0	0.00	1	1	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GREE0004

NPS Station ID: GREE0004 Location: NE BRH ANACOSTIA R AT DECATUR ST Station Type: /TYPA/AMBNT/STREAM RMI-Indexes: 0214001 002640 RMI-Miles: 0109.10 0009.20 HUC: 02070010 Major Basin: NORTH ATLANTIC Minor Basin: POTOMAC RIVER RF1 Index: 02070010030 RF3 Index: 02070010002906.55 Description: NORTHEAST BRANCH, ANACOSTIA R. AT DECATUR STREET. SAMPLED BY EPA, ANACOSTIA RIVER, WASHINGTON, D.C.	LAT/LON: 38.950559/ -76.936671 Depth of Water: 0 Elevation: 0 RF1 Mile Point: 1.150 RF3 Mile Point: 6.88	Agency: 11121ZWQ FIPS State/County: 11000 DISTRICT OF COLU/ STORET Station ID(s): ANA-009.20 /ANA9 /AA9 Within Park Boundary: No Aquifer: Water Body Id: ECO Region: Distance from RF1: 0.00 Distance from RF3: 0.04
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Date Created: / /

On/Off RF1: OFF
On/Off RF3:

Parameter Inventory for Station: GREE0004

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/30/70-12/15/70	4	23.	19.25	26.	5.	94.917	9.743	**	**	**	**
00070 TURBIDITY, (JACKSON CANDLE UNITS)	04/30/70-12/15/70	4	12.	19.75	50.	5.	420.25	20.5	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	04/30/70-12/15/70	4	8.75	9.675	12.5	8.7	3.549	1.884	**	**	**	**
00310 BOD, 5 DAY, 20 DEG C MG/L	06/08/70-12/15/70	3	3.9	4.233	5.7	3.1	1.773	1.332	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/30/70-12/15/70	4	0.159	0.132	0.182	0.027	0.005	0.072	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/30/70-12/15/70	4	0.478	0.511	0.852	0.236	0.069	0.263	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL I DET. (MG/L AS N)	04/30/70-12/15/70	4	1.255	1.255	1.52	0.99	0.084	0.289	**	**	**	**
00650 PHOSPHATE, TOTAL (MG/L AS PO4)	04/30/70-12/15/70	4	0.25	0.253	0.32	0.19	0.004	0.062	**	**	**	**
00660 PHOSPHATE, ORTHO (MG/L AS PO4)	06/08/70-12/15/70	3	0.26	0.25	0.39	0.1	0.021	0.145	**	**	**	**
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	07/07/70-12/15/70	2	6.6	6.6	7.5	5.7	1.62	1.273	**	**	**	**
31615 FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/08/70-12/15/70	3	380.	1936.667	5420.	10.	9134433.333	3022.323	**	**	**	**
31615 LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/08/70-12/15/70	3	2.58	2.438	3.734	1.	1.884	1.373	**	**	**	**
31615 GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			274.112								
32230 CHLOROPHYLL A (MG/L)	04/30/70-12/15/70	4	4.5	4.9	9.8	0.8	19.713	4.44	**	**	**	**
70299 SOLIDS, SUSP. - RESIDUE ON EVAP. AT 180 C (MG/L)	04/30/70-12/15/70	3	15.	18.667	27.	14.	52.333	7.234	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GREE0004

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
00070 TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	4	1	0.25	1	1	1.00	1	0	0.00	2	0	0.00			
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
00630 NITRITE PLUS NITRATE, TOTAL I DET.	Drinking Water	10.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
31615 FECAL COLIFORM, MPN	Other-Hi Lim.	200.	3	2	0.67	1	1	1.00	1	0	0.00	1	1	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GREE0005

NPS Station ID: GREE0005
 Location: NE BR HYATSVILLE E-W HWY
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes: 0214001 002640
 RMI-Miles: 0109.10 0010.09
 HUC: 02070010
 Major Basin: NORTH ATLANTIC
 Minor Basin: POTOMAC R
 RF1 Index: 02070010030
 RF3 Index: 02070010008000.00
 Description:

LAT/LON: 38.960281/ -76.925004

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 1.940
 RF3 Mile Point: 2.45

Agency: 21MDPGHD
 FIPS State/County: 24033 MARYLAND/PRINCE GEORGES
 STORET Station ID(s): A-7 /243004 /PO-A-7
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.04

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: GREE0005

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/03/80	58	12.	13.44	31.	0.	84.676	9.202	1.	5.	22.	27.1
00300 OXYGEN, DISSOLVED MG/L	12/18/73-12/03/80	57	11.2	11.472	15.	4.2	5.887	2.426	8.18	10.25	13.35	15.
00400 PH (STANDARD UNITS)	12/18/73-12/03/80	54	7.3	7.49	9.8	5.1	0.759	0.871	6.49	6.95	8.025	8.715
00400 CONVERTED PH (STANDARD UNITS)	12/18/73-12/03/80	54	7.3	6.617	9.8	5.1	1.535	1.239	6.49	6.95	8.025	8.715
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/03/80	54	0.05	0.241	7.943	0.	1.166	1.08	0.002	0.009	0.115	0.324
01000 ARSENIC, DISSOLVED (UG/L AS AS)	10/27/75-03/22/76	6	4.5	5.667	14.	1.	20.667	4.546	**	**	**	**
30000 DIMETHOATE, SOIL, RECOVERABLE MG/KG	10/27/75-03/22/76	6	15.	13.833	15.	10.	4.167	2.041	**	**	**	**
31501 COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/22/76-12/03/80	34	3300.	68487.941	1100000.	430.41954422871.39	204827.788	750.	1950.	23000.	240000.	
31501 LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	03/22/76-12/03/80	34	3.498	3.844	6.041	2.633	0.758	0.871	2.875	3.286	4.362	5.38
31501 GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6979.463								
31505 COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/18/73-02/23/76	16	16150.	151606.25	1100000.	1500.137301732625.	370542.484	1570.	2300.	43000.	1100000.	
31505 LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	12/18/73-02/23/76	16	4.165	4.171	6.041	3.176	0.821	0.906	3.196	3.362	4.633	6.041
31505 GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			14811.704								
31515 INVALID PARM	01/28/75-09/22/75	8	16150.	368103.75	2400000.	930.698585624112.5	835814.348	**	**	**	**	**
31615 FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	58	930.	17962.103	460000.	23. 4669189178.586	68331.466	150.	230.	2800.	43000.	
31615 LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	58	2.968	3.084	5.663	1.362	0.803	0.896	2.176	2.362	3.43	4.633
31615 GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1212.174								
40000 INVALID PARAMETER	10/27/75-02/23/76	4	7.15	7.325	8.2	6.8	0.369	0.608	**	**	**	**
50531 BENZENE, 1,2-PROPADIENYL- UG/L	10/27/75-03/22/76	6	6800.	13588.333	43000.	430. 275511616.667	16598.543	**	**	**	**	**
61500 MERCURY SLUDGE SOLID FRACTN,DRY WT,MG/KG	10/27/75-03/22/76	6	930.	8303.333	43000.	230. 291157106.667	17063.326	**	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GREE0005

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
			Obs			Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	57	0	0.00	16	0	0.00	31	0	0.00	10	0	0.00			
00400 PH	Fresh Chronic	9.	54	4	0.07	16	3	0.19	30	0	0.00	8	1	0.13			
	Other-Lo Lim.	6.5	54	6	0.11	16	1	0.06	30	4	0.13	8	1	0.13			
01000 ARSENIC, DISSOLVED	Fresh Acute	360.	6	0	0.00				6	0	0.00						
	Drinking Water	50.	6	0	0.00				6	0	0.00						
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	34	29	0.85	10	10	1.00	18	14	0.78	6	5	0.83			
31505 COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	16	16	1.00	3	3	1.00	11	11	1.00	2	2	1.00			
31615 FECAL COLIFORM, MPN	Other-Hi Lim.	200.	58	51	0.88	16	15	0.94	32	29	0.91	10	7	0.70			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station GREE0005

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/03/80	1	0.	0.	0.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/03/80	1	12.6	12.6	12.6	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-12/03/80	1	6.	6.	6.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/03/80	1	6.	6.	6.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/03/80	1	1.	1.	1.	0.	0.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	1	1200.	1200.	1200.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	1	3.079	3.079	3.079	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =		1200.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GREE0005

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/03/80	10	16.5	14.55	27.	5.	63.581	7.974	5.	5.75	20.875	26.5
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/03/80	10	10.35	9.82	14.	4.2	7.884	2.808	4.53	8.025	11.65	13.9
00400	PH (STANDARD UNITS)	12/18/73-12/03/80	10	6.75	6.95	8.5	5.1	0.887	0.942	5.23	6.475	7.65	8.43
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/03/80	10	6.747	6.03	8.5	5.1	1.829	1.352	5.23	6.475	7.65	8.43
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/03/80	10	0.179	0.934	7.943	0.003	6.084	2.467	0.004	0.023	0.337	7.189
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	10	930.	52185.	460000.	210.20716017161.111	143930.598	212.	230.	22000.	418300.	
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	10	2.968	3.301	5.663	2.322	1.297	1.139	2.326	2.362	4.29	5.56
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2001.938								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GREE0005

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/03/80	11	10.	13.545	29.	4.5	62.623	7.913	4.6	7.	19.	27.8
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/03/80	11	11.	11.136	14.6	8.	3.715	1.927	8.14	10.2	12.9	14.28
00400	PH (STANDARD UNITS)	12/18/73-12/03/80	10	7.25	7.38	8.2	6.8	0.357	0.598	6.8	6.8	8.2	8.2
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/03/80	10	7.247	7.12	8.2	6.8	0.432	0.657	6.8	6.8	8.2	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/03/80	10	0.057	0.076	0.158	0.006	0.004	0.064	0.006	0.006	0.158	0.158
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	11	2300.	16016.	93000.	93.	854823518.2	29237.365	93.	230.	29000.	83000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	11	3.362	3.332	4.968	1.968	1.067	1.033	1.968	2.362	4.462	4.901
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =		2150.05									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GREE0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/03/80	12	13.5	14.667	31.	1.	131.333	11.46	1.6	4.	26.5	30.7
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/03/80	11	14.8	13.709	15.	7.8	4.837	2.199	8.66	13.	15.	15.
00400	PH (STANDARD UNITS)	12/18/73-12/03/80	9	7.48	7.876	9.3	7.1	0.661	0.813	7.1	7.25	8.6	9.3
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/03/80	9	7.48	7.486	9.3	7.1	0.832	0.912	7.1	7.25	8.6	9.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/03/80	9	0.033	0.033	0.079	0.001	0.001	0.03	0.001	0.004	0.057	0.079
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	12	930.	1985.833	9300.	150.	6818862.879	2611.295	174.	430.	2300.	7800.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	12	2.968	3.002	3.968	2.176	0.291	0.539	2.232	2.633	3.362	3.868
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1004.388								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GREE0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/03/80	11	11.	13.818	24.	0.	82.564	9.086	0.2	8.	23.	23.8
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/03/80	11	11.1	11.482	15.	8.3	5.71	2.389	8.5	9.4	14.8	14.98
00400	PH (STANDARD UNITS)	12/18/73-12/03/80	11	7.36	7.738	9.8	6.4	0.822	0.907	6.56	7.21	8.1	9.58
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/03/80	11	7.36	7.195	9.8	6.4	1.146	1.071	6.56	7.21	8.1	9.58
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/03/80	11	0.044	0.064	0.398	0.	0.013	0.113	0.001	0.008	0.062	0.331
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	11	1200.	27630.	240000.	150.	5119830940.	71552.994	166.	230.	9300.	200600.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	11	3.079	3.294	5.38	2.176	1.092	1.045	2.213	2.362	3.968	5.231
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1968.948								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GREE0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/03/80	6	11.	11.167	23.	1.	69.367	8.329	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/03/80	6	10.7	11.15	13.2	10.	1.447	1.203	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-12/03/80	6	7.05	7.167	8.	6.7	0.195	0.441	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/03/80	6	7.047	7.036	8.	6.7	0.215	0.464	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/03/80	6	0.09	0.092	0.2	0.01	0.004	0.062	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	6	330.	1878.333	9300.	150.	13299856.667	3646.897	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	6	2.498	2.745	3.968	2.176	0.435	0.66	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			555.9								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GREE0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/03/80	7	13.	12.857	29.	0.	127.476	11.291	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/03/80	7	10.8	10.943	14.3	8.1	3.576	1.891	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-12/03/80	7	7.85	8.021	9.23	6.48	0.78	0.883	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/03/80	7	7.85	7.255	9.23	6.48	1.466	1.211	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/03/80	7	0.014	0.056	0.331	0.001	0.015	0.122	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	7	430.	506.571	930.	23.	140362.619	374.65	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	7	2.633	2.481	2.968	1.362	0.364	0.603	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			302.669								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station GREE0005

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/03/80	16	23.	23.656	30.	16.	18.424	4.292	16.7	21.25	27.75	29.3
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/03/80	16	10.25	10.325	14.8	7.8	3.983	1.996	8.01	8.75	11.025	13.89
00400	PH (STANDARD UNITS)	12/18/73-12/03/80	16	7.975	7.968	9.8	6.4	0.932	0.965	6.82	7.075	8.65	9.45
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/03/80	16	7.957	7.267	9.8	6.4	1.455	1.206	6.82	7.075	8.65	9.45
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/03/80	16	0.011	0.054	0.398	0.	0.01	0.099	0.	0.002	0.088	0.189
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	16	930.	38086.875	460000.	150.13260772702.917	115155.428	192.	270.	2300.	203100.	
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	16	2.968	3.249	5.663	2.176	1.029	1.014	2.278	2.419	3.362	5.177
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1773.54								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station GREE0005

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/03/80	32	5.5	6.422	17.	0.	20.308	4.506	0.3	3.25	10.	13.7
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/03/80	31	11.9	12.332	15.	8.3	3.465	1.861	10.32	10.8	14.3	15.
00400	PH (STANDARD UNITS)	12/18/73-12/03/80	30	7.205	7.26	8.73	5.1	0.536	0.732	6.482	6.8	7.813	8.18
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/03/80	30	7.205	6.426	8.73	5.1	1.256	1.121	6.482	6.8	7.812	8.18
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/03/80	30	0.062	0.375	7.943	0.002	2.079	1.442	0.007	0.015	0.158	0.33
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	32	840.	2942.063	43000.	23.	59846743.931	7736.068	174.	230.	1425.	8760.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	32	2.922	2.888	4.633	1.362	0.439	0.663	2.232	2.362	3.152	3.94
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			772.845								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GREE0005

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/03/80	10	19.75	19.55	31.	9.	33.469	5.785	9.5	16.25	22.25	30.2
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/03/80	10	10.55	10.64	15.	4.2	12.787	3.576	4.53	7.875	14.7	15.
00400	PH (STANDARD UNITS)	12/18/73-12/03/80	8	7.3	7.398	9.	6.4	0.771	0.878	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/03/80	8	7.3	6.943	9.	6.4	1.007	1.004	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/03/80	8	0.05	0.114	0.398	0.001	0.018	0.135	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	10	5250.	33826.6	240000.	93.	5462307335.822	73907.424	93.	135.75	32500.	220300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	10	3.524	3.445	5.38	1.968	1.529	1.237	1.968	2.124	4.505	5.306
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2783.786								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GREE0006

NPS Station ID: GREE0006
 Location: NE B ANACOSTIA R AT RIVERDALE, MD
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02070010
 Major Basin:
 Minor Basin:
 RF1 Index: 02070010
 RF3 Index: 02070010061900.00
 Description:

LAT/LON: 38.960281/ -76.926115

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 1.00

Agency: 112WRD
 FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
 STORET Station ID(s): 01649500
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 12.90
 Distance from RF3: 0.16

On/Off RF1:
 On/Off RF3:

ACTIVATION DATE: JULY 1, 1969. SAMPLED BY USGS. FIELD ANALYSIS BY USGS. OTHER COOPERATING AGENCIES: FWPCA. STATION LOCATION: NE BR ANACOSTIAR AT RIVERDALE, MD. NEAREST GAGING STATION: NE BR ANACOSTIA R ON RIGHT BANK AT DOWNSTREAM SIDE OF BRIDGE ON RIVERDALE ROAD IN RIVERDALE, PRINCE GEORGES COUNTY, 1 3/4 MILES DOWNSTREAM FROM INDIAN CR AND 1 3/4 MILES UPSTREAM FROM CONFLUENCE WITH NORTHWEST BRANCH. DRAINAGE AREA: ABOVE GAGING STATION - 72.8 SQUARE MILES. PERIOD OF RECORD: AUGUST 1938 TO PRESENT.

Parameter Inventory for Station: GREE0006

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/59-09/02/94	195	12.	13.472	31.	0.	73.584	8.578	2.	6.5	21.	25.7
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/17/74-09/02/94	94	14.5	15.782	36.	-1.	81.691	9.038	5.	9.5	24.5	28.75
00025 BAROMETRIC PRESSURE (MM OF HG)	06/02/92-06/02/92	1	760.	760.	760.	760.	0.	0.	**	**	**	**
00060 FLOW, STREAM, MEAN DAILY CFS	07/16/69-09/20/72	39	42.	136.051	2600.	10.	173059.682	416.004	17.	28.	75.	200.
00061 FLOW, STREAM, INSTANTANEOUS CFS	01/03/59-09/02/94	199	93.	307.779	6394.	10.	507194.254	712.176	25.	43.	264.	744.
00065 STAGE, STREAM (FEET)	10/17/74-09/02/94	97	1.58	1.609	3.07	0.	0.13	0.36	1.288	1.425	1.73	1.98
00070 TURBIDITY, (JACKSON CANDLE UNITS)	09/20/72-12/06/73	4	32.5	32.5	55.	10.	341.667	18.484	**	**	**	**
00080 COLOR (PLATINUM-COBALT UNITS)	09/20/72-03/09/73	3	3.	15.333	40.	3.	456.333	21.362	**	**	**	**
00095p SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/19/63-09/02/94	81	225.	244.938	830.	62.	12586.584	112.19	138.2	173.	285.	370.
00300p OXYGEN, DISSOLVED MG/L	07/16/69-06/02/92	56	10.4	10.504	13.9	7.4	2.662	1.632	8.34	9.175	11.575	13.2
00310 BOD, 5 DAY, 20 DEG C MG/L	09/20/72-12/06/73	4	2.55	2.575	4.	1.2	1.683	1.297	**	**	**	**
00319 BOD, ULTIMATE ALL STAGES, 20 DEG C MG/L	06/30/79-08/12/81	42	13.5	15.857	50.	0.	118.365	10.88	4.22	8.55	22.	31.64
00320 BOD, ULTIMATE 1ST STAGE, 20 DEG C MG/L	08/13/79-06/10/81	12	6.9	7.35	18.	0.	27.534	5.247	0.	4.2	10.75	16.5
00325 DEOXYGENATION CONST, K1 TO BASE E,20 DEG C,PER DAY	06/30/79-08/12/81	31	0.11	0.187	2.5	0.05	0.185	0.43	0.072	0.08	0.13	0.158
00400p PH (STANDARD UNITS)	08/19/63-09/02/94	60	6.9	7.051	8.4	6.4	0.227	0.476	6.51	6.7	7.4	7.79
00400p CONVERTED PH (STANDARD UNITS)	08/19/63-09/02/94	60	6.9	6.869	8.4	6.4	0.261	0.511	6.51	6.7	7.4	7.79
00400p MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/19/63-09/02/94	60	0.126	0.135	0.398	0.004	0.01	0.1	0.016	0.04	0.2	0.31
00403 PH, LAB, STANDARD UNITS SU	06/02/92-09/02/94	2	7.6	7.6	7.8	7.4	0.08	0.283	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	06/02/92-09/02/94	2	7.555	7.555	7.8	7.4	0.084	0.29	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/02/92-09/02/94	2	0.028	0.028	0.04	0.016	0.	0.017	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	08/19/63-12/06/73	5	5.8	7.86	15.	2.1	26.078	5.107	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	08/19/63-06/02/92	6	22.	25.667	43.	14.	125.467	11.201	**	**	**	**
00435 ACIDITY, TOTAL (MG/L AS CaCO3)	12/06/73-12/06/73	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	08/19/63-12/06/73	5	23.	28.8	52.	17.	189.7	13.773	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	08/19/63-12/06/73	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/20/72-03/09/73	3	34.	61.	128.	21.	3409.	58.387	**	**	**	**
00600 NITROGEN, TOTAL (MG/L AS N)	03/13/80-08/12/81	23	2.2	2.817	9.4	0.79	3.473	1.864	1.3	1.6	4.	4.96
00602 NITROGEN, DISSOLVED (MG/L AS N)	08/13/79-08/01/80	20	1.35	1.478	2.5	0.55	0.215	0.464	1.01	1.2	1.875	2.09
00605 NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/13/80-08/12/81	24	1.1	1.809	8.7	0.22	3.307	1.818	0.335	0.805	2.525	3.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GREE0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	03/13/80-06/10/81	12	0.54	0.528	1.1	0.	0.076	0.276	0.075	0.328	0.663	0.995
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	03/13/80-06/02/92	12	0.16	0.154	0.37	0.01	0.011	0.105	0.019	0.058	0.218	0.334
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/06/73-08/12/81	25	0.2	0.223	0.6	0.	0.023	0.152	0.028	0.13	0.285	0.508
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/23/80-09/02/94	4	0.01	0.009	0.01	0.005	0.	0.003	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/06/73-12/06/73	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/19/63-07/23/80	5	1.	1.052	2.	0.45	0.331	0.576	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/06/73-12/06/73	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/13/79-08/01/80	20	0.705	0.742	1.5	0.05	0.134	0.366	0.27	0.505	0.94	1.3
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	08/13/79-08/01/80	20	0.22	1.099	8.2	0.	3.889	1.972	0.	0.083	1.605	3.67
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	08/13/79-06/02/92	36	1.2	1.693	8.8	0.22	2.544	1.595	0.41	0.828	2.05	3.45
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/06/73-01/09/84	25	0.8	0.852	1.5	0.38	0.099	0.315	0.542	0.605	1.1	1.38
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/13/79-09/02/94	23	0.7	0.748	1.2	0.5	0.06	0.245	0.5	0.5	1.	1.16
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	09/20/72-09/20/72	1	0.43	0.43	0.43	0.43	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/72-06/02/92	35	0.2	0.255	0.75	0.029	0.045	0.213	0.042	0.08	0.38	0.606
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/13/79-06/02/92	21	0.03	0.033	0.12	0.009	0.001	0.025	0.01	0.02	0.038	0.068
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/02/92-06/02/92	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/20/72-12/06/73	4	0.005	0.005	0.01	0.	0.	0.006	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/19/63-12/06/73	5	42.	41.4	51.	30.	60.3	7.765	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	08/19/63-12/06/73	5	24.	17.6	26.	5.	104.3	10.213	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	08/19/63-09/02/94	8	14.	13.625	18.	9.	8.554	2.925	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/19/63-09/02/94	8	3.2	3.413	4.9	1.8	0.958	0.979	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	08/19/63-09/02/94	8	20.5	23.875	54.	11.	186.696	13.664	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/19/63-12/06/73	5	2.	2.1	3.3	1.1	0.615	0.784	**	**	**	**
00932	SODIUM, PERCENT	08/19/63-12/06/73	5	54.	56.2	67.	44.	81.7	9.039	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/19/63-09/02/94	8	3.5	4.063	6.	3.2	1.394	1.181	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/19/63-09/02/94	8	24.	27.75	59.	16.	180.5	13.435	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/19/63-09/02/94	8	36.5	32.25	56.	14.	234.5	15.313	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/19/63-09/02/94	7	0.1	0.171	0.3	0.1	0.009	0.095	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	08/19/63-09/02/94	27	5.8	5.407	7.6	2.3	2.634	1.623	3.46	3.8	6.7	7.52
01025	CADMIUM, DISSOLVED (UG/L AS Cd)	09/20/72-03/09/73	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS Cd)	12/06/73-12/06/73	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS Cr)	09/20/72-03/09/73	2 ##	5.	5.	10.	0.	50.	7.071	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS Cr)	12/13/72-12/13/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS Cr)	12/06/73-12/06/73	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS Cu)	09/20/72-03/09/73	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS Cu)	12/06/73-12/06/73	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS Fe)	08/19/63-12/06/73	2	1250.025	1250.025	2500.	0.05	3124875.001	1767.732	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS Fe)	09/20/72-09/02/94	6	200.	253.333	600.	20.	42866.667	207.043	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS Pb)	09/20/72-03/09/73	3	2.	2.333	3.	2.	0.333	0.577	**	**	**	**
01051	LEAD, TOTAL (UG/L AS Pb)	12/06/73-12/06/73	1	23.	23.	23.	23.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS Mn)	08/19/63-12/06/73	2	200.	200.	400.	0.	80000.	282.843	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS Mn)	09/20/72-09/02/94	6	104.	161.667	370.	36.	21499.867	146.628	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS Zn)	09/20/72-03/09/73	3	70.	106.667	200.	50.	6633.333	81.445	**	**	**	**
01092	ZINC, TOTAL (UG/L AS Zn)	12/06/73-12/06/73	1	220.	220.	220.	220.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS Al)	12/06/73-12/06/73	1	900.	900.	900.	900.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS Al)	09/20/72-03/09/73	3	200.	233.333	400.	100.	23333.333	152.753	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/16/69-01/21/74	55	600.	1984.945	13000.	18.	9002146.201	3000.358	96.	270.	2800.	7840.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/16/69-01/21/74	55	2.778	2.86	4.114	1.255	0.423	0.65	1.982	2.431	3.447	3.892
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			723.669								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/02/92-06/02/92	1	280.	280.	280.	280.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/02/92-06/02/92	1	2.447	2.447	2.447	2.447	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			280.								
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	11/02/79-03/21/80	5	12.	27.44	70.8	5.	839.763	28.979	**	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/30/79-09/06/79	8	18.68	28.023	76.1	0.	949.156	30.808	**	**	**	**
32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	11/02/79-03/21/80	5	9.	17.84	46.	1.4	394.433	19.86	**	**	**	**
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	11/02/79-03/21/80	5	16.2	35.82	92.1	5.7	1462.157	38.238	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/30/79-09/06/79	8	3.5	9.963	34.36	0.	164.759	12.836	**	**	**	**
32230	CHLOROPHYLL A (MG/L)	06/30/79-09/06/79	8	0.022	0.035	0.102	0.	0.002	0.041	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/20/72-12/06/73	4	1.	2.25	7.	0.	10.25	3.202	**	**	**	**
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CaCO3,MG/L	10/15/93-09/02/94	2	38.	38.	39.	37.	2.	1.414	**	**	**	**
60050	ALGAE, TOTAL (CELLS/ML)	01/02/80-07/23/80	14	4350.	7257.143	32000.	200.	68918021.978	8301.688	650.	1800.	11250.	22500.
70299	SOLIDS, SUSP. - RESIDUE ON EVAP. AT 180 C (MG/L)	12/06/73-12/06/73	1	92.	92.	92.	92.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/19/63-09/02/94	7	128.	146.286	230.	109.	1682.238	41.015	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GREE0006

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/19/63-12/06/73	5	130.	145.8	213.	109.	1622.7	40.283	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/19/63-04/26/80	9	4.42	17.824	53.	0.	500.357	22.369	0.	0.	53.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/19/63-12/06/73	5	0.19	0.21	0.31	0.15	0.004	0.063	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/23/79-08/12/81	12	85.	84.25	94.	69.	64.75	8.047	70.8	78.25	92.5
70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	10/23/79-07/04/81	11	89.	88.636	97.	74.	46.655	6.83	75.4	85.	93.
70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	10/23/79-07/04/81	11	96.	94.818	99.	86.	12.964	3.601	87.2	93.	97.
70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	10/23/79-07/04/81	11	99.	99.364	100.	98.	0.455	0.674	98.2	99.	100.
70335	SUSPENDED SED SIEVE DIAMETER,% FINER THAN 1.00MM	10/23/79-07/04/81	8	100.	87.5	100.	0.	1250.	35.355	**	**	**
70336	SUSPENDED SED SIEVE DIAMETER,% FINER THAN 2.00MM	01/18/80-02/23/81	4	0.	25.	100.	0.	2500.	50.	**	**	**
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	10/23/79-07/04/81	11	46.	50.909	75.	35.	181.891	13.487	35.6	42.	58.
70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	10/23/79-07/04/81	11	57.	60.364	83.	46.	164.855	12.84	46.	49.	68.
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	10/23/79-07/04/81	11	69.	70.273	90.	54.	132.218	11.499	55.2	61.	77.
70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	10/23/79-07/04/81	11	77.	77.818	92.	63.	80.764	8.987	64.	72.	84.
71825	ACIDITY, TOTAL (MG/L AS H)	12/06/73-12/06/73	1	0.08	0.08	0.08	0.	0.	0.	**	**	**
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	03/13/80-02/11/81	14	0.2	0.197	0.4	0.	0.013	0.114	0.005	0.163	0.3
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	03/13/80-07/23/80	11	0.24	0.211	0.48	0.01	0.018	0.134	0.02	0.1	0.28
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/19/63-07/23/80	5	4.4	4.66	8.9	2.	6.578	2.565	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	07/23/80-07/23/80	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	09/05/79-07/04/81	25	0.86	0.931	2.3	0.09	0.474	0.688	0.126	0.34	1.5
71887	NITROGEN, TOTAL, AS NO3 - MG/L	03/13/80-08/12/81	23	9.7	12.43	42.	3.5	69.074	8.311	5.58	7.2	18.
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	01/03/59-08/12/81	79	297.	617.924	5270.	0.	744097.789	862.611	8.	38.	839.
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	01/03/59-08/12/81	79	277.	2114.704	30200.	0.	26645929.072	5161.969	1.5	14.	1360.
82133	DEOXYGENATION CONST,CARB.K1 TO BASE E,20C,PER DAY	06/30/79-06/10/81	31	0.	0.056	0.23	0.	0.006	0.08	0.	0.	0.13

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GREE0006

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	4	0	0.25	1	0	0.00	3	1	0.33					
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	56	0	0.00	16	0	0.00	27	0	0.00	13	0	0.00		
00400	PH	Fresh Chronic	9.	60	0	0.00	18	0	0.00	29	0	0.00	13	0	0.00		
		Other-Lo Lim.	6.5	60	6	0.10	18	1	0.06	29	4	0.14	13	1	0.08		
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00	1	0	0.00				1	0	0.00		
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00				1	0	0.00		
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	4	0	0.00	2	0	0.00		0	0.00	1	0	0.00		
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00				1	0	0.00					
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	5	0	0.00	3	0	0.00	2	0	0.00					
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00				1	0	0.00					
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	25	0	0.00	5	0	0.00	9	0	0.00	11	0	0.00		
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	23	0	0.00	10	0	0.00	7	0	0.00	6	0	0.00		
00720	CYANIDE, TOTAL	Fresh Acute	0.022	4	0	0.00	1	0	0.00	3	0	0.00					
		Drinking Water	0.2	4	0	0.00	1	0	0.00	3	0	0.00					
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	8	0	0.00	3	0	0.00	4	0	0.00	1	0	0.00		
		Drinking Water	250.	8	0	0.00	3	0	0.00	4	0	0.00	1	0	0.00		
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	8	0	0.00	3	0	0.00	4	0	0.00	1	0	0.00		
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	7	0	0.00	3	0	0.00	3	0	0.00	1	0	0.00		
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	3	0	0.00	1	0	0.00	2	0	0.00					
		Drinking Water	5.	3	0	0.00	1	0	0.00	2	0	0.00					
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00				1	0	0.00					
		Drinking Water	5.	1	0	0.00				1	0	0.00					
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	1	0	0.00	1	0	0.00					
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	1	0	0.00				1	0	0.00					
		Drinking Water	100.	1	0	0.00				1	0	0.00					
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	1	1.00				1	1	1.00					
01040	COPPER, DISSOLVED	Fresh Acute	18.	3	0	0.00	1	0	0.00	2	0	0.00					
		Drinking Water	1300.	3	0	0.00	1	0	0.00	2	0	0.00					
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00				1	0	0.00					
		Drinking Water	1300.	1	0	0.00				1	0	0.00					

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

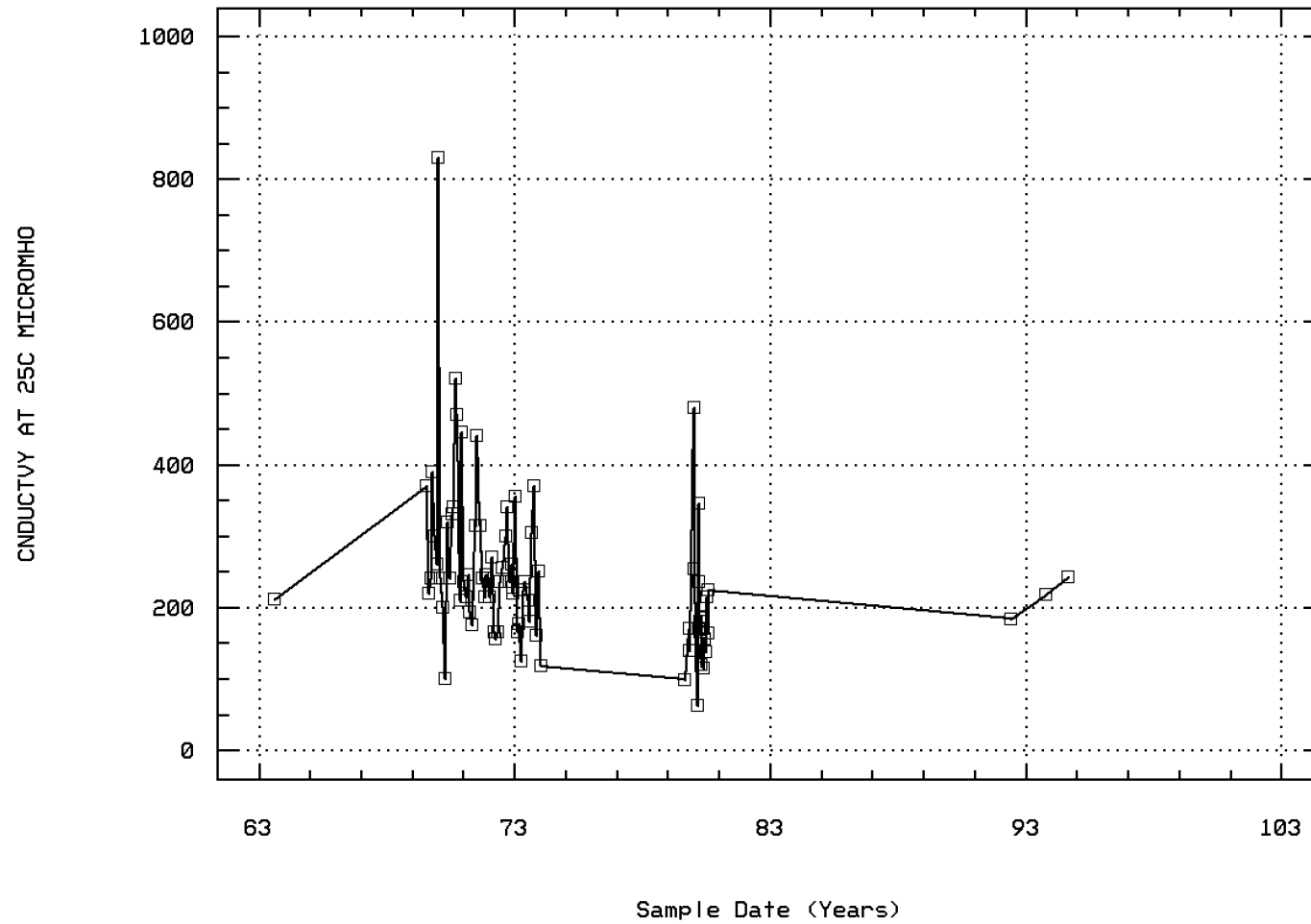
EPA Water Quality Criteria Analysis for Station: GREE0006

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01049	LEAD, DISSOLVED	Fresh Acute 82.	3	0	0.00	1	0	0.00	2	0	0.00						
		Drinking Water 15.	3	0	0.00	1	0	0.00	2	0	0.00						
01051	LEAD, TOTAL	Fresh Acute 82.	1	0	0.00				1	0	0.00						
		Drinking Water 15.	1	1	1.00				1	1	1.00						
01090	ZINC, DISSOLVED	Fresh Acute 120.	3	1	0.33	1	0	0.00	2	1	0.50						
		Drinking Water 5000.	3	0	0.00	1	0	0.00	2	0	0.00						
01092	ZINC, TOTAL	Fresh Acute 120.	1	1	1.00				1	1	1.00						
		Drinking Water 5000.	1	0	0.00				1	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim. 200.	55	46	0.84	16	16	1.00	27	18	0.67	12	12	1.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water 44.	5	0	0.00	3	0	0.00	2	0	0.00						
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water 3.3	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: GREE0006 Parameter Code: 00095

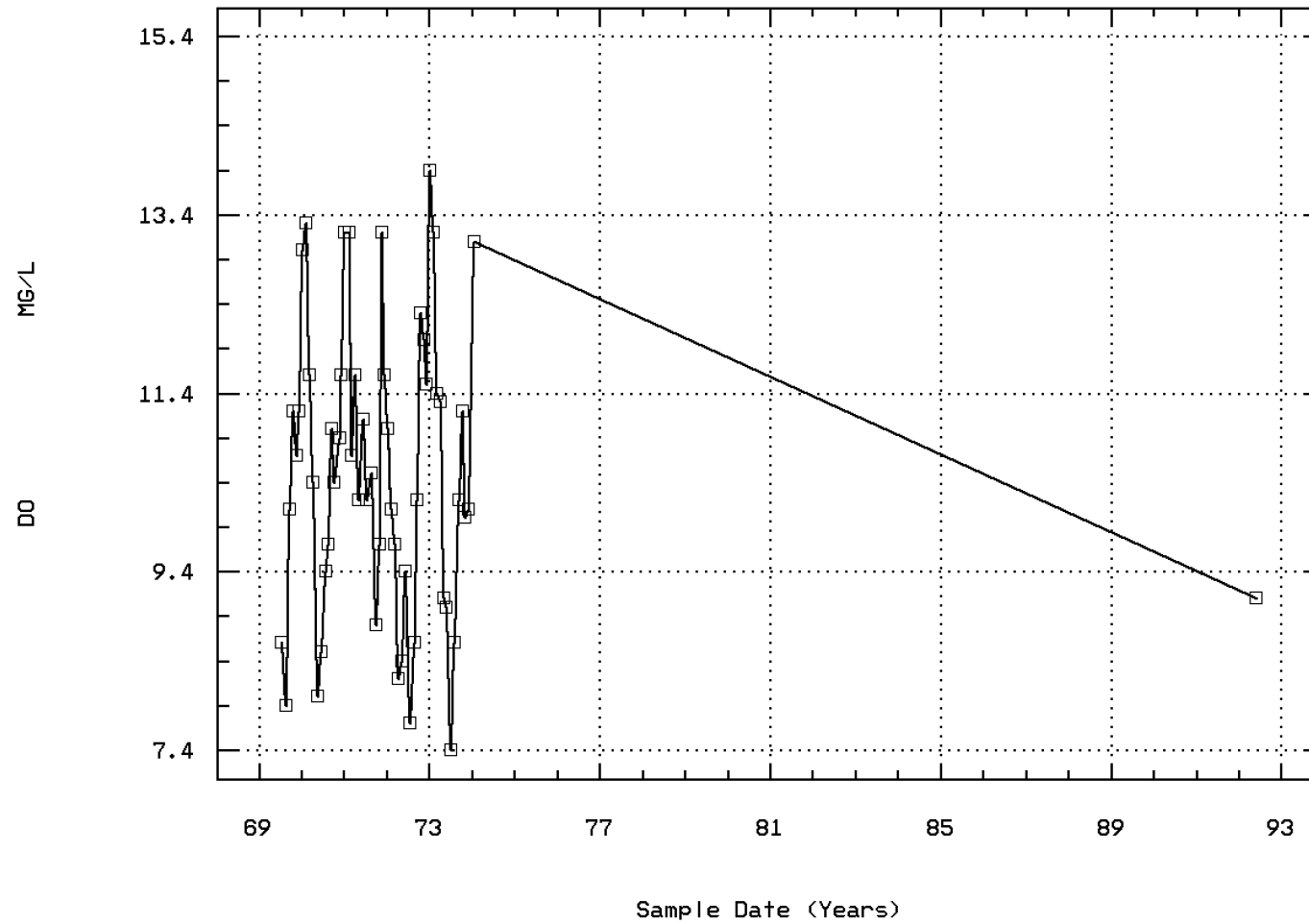
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



NE B ANACOSTIA R AT RIVERDALE, MD

Station: GREE0006 Parameter Code: 00300

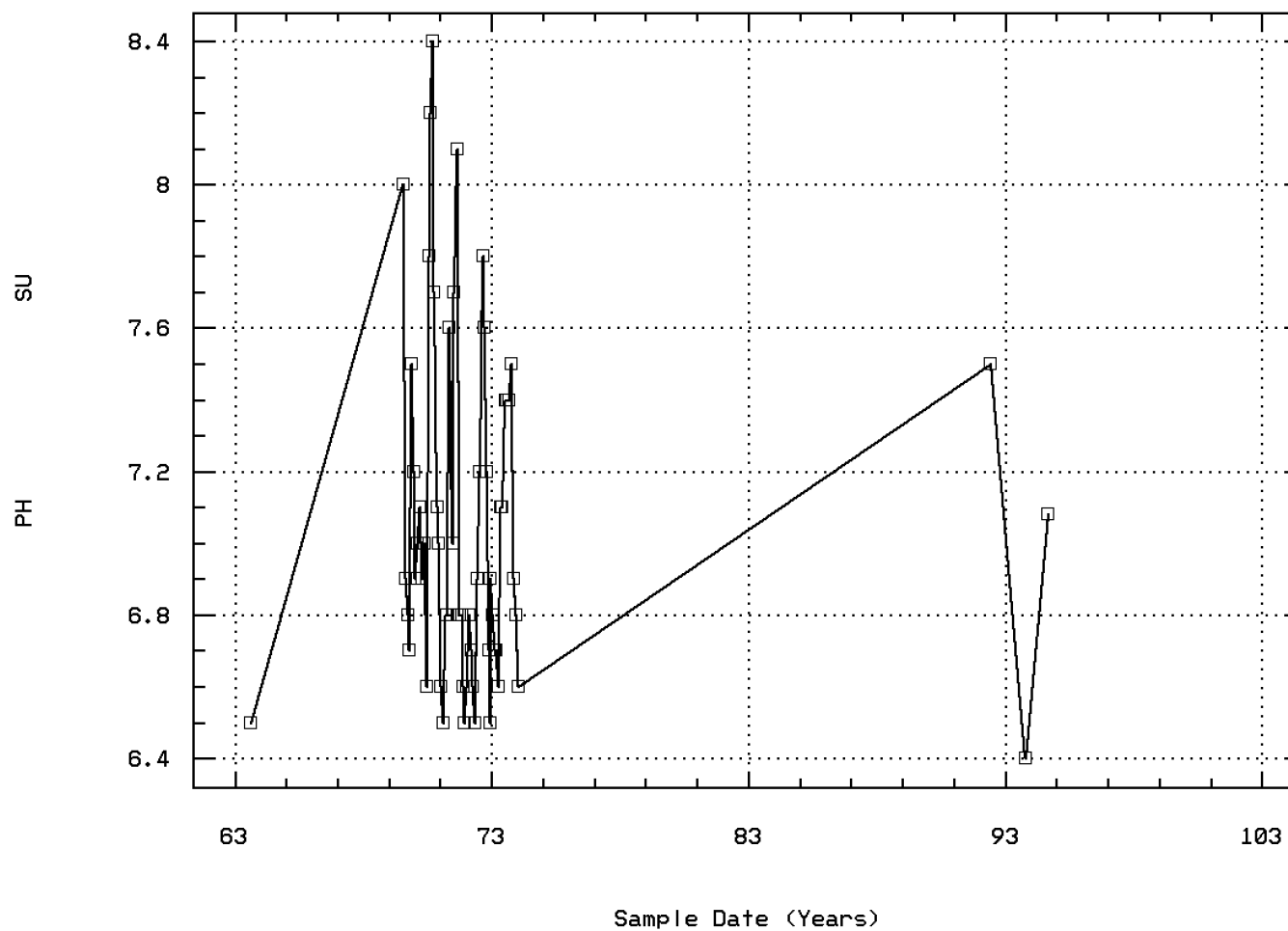
OXYGEN, DISSOLVED



NE B ANACOSTIA R AT RIVERDALE, MD

Station: GREE0006 Parameter Code: 00400

PH (STANDARD UNITS)

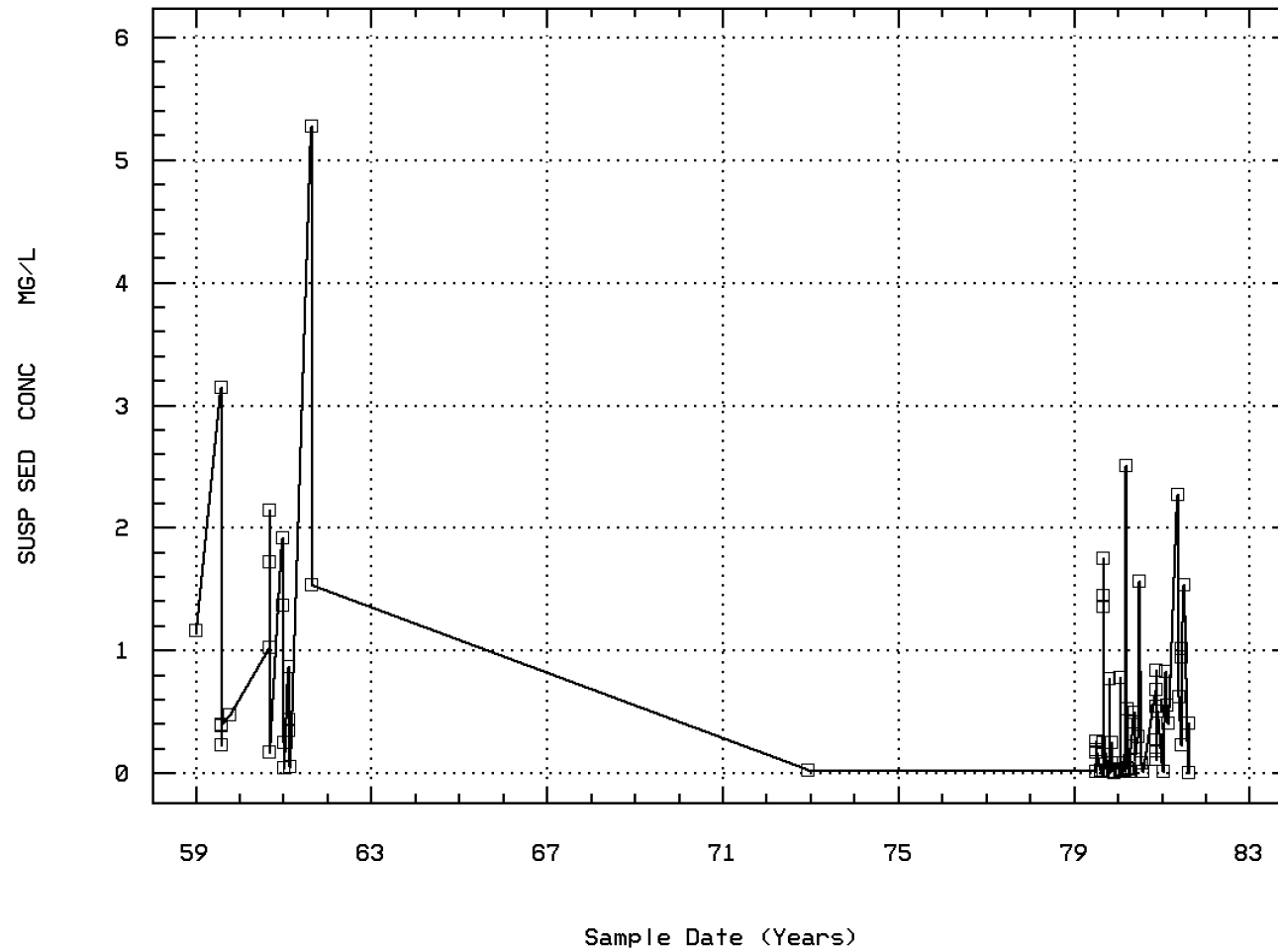


NE B ANACOSTIA R AT RIVERDALE, MD

Station: GREE0006 Parameter Code: 80154

SUSP. SEDIMENT CONCENTRATION-EVAP. AT 1

(X 1000)

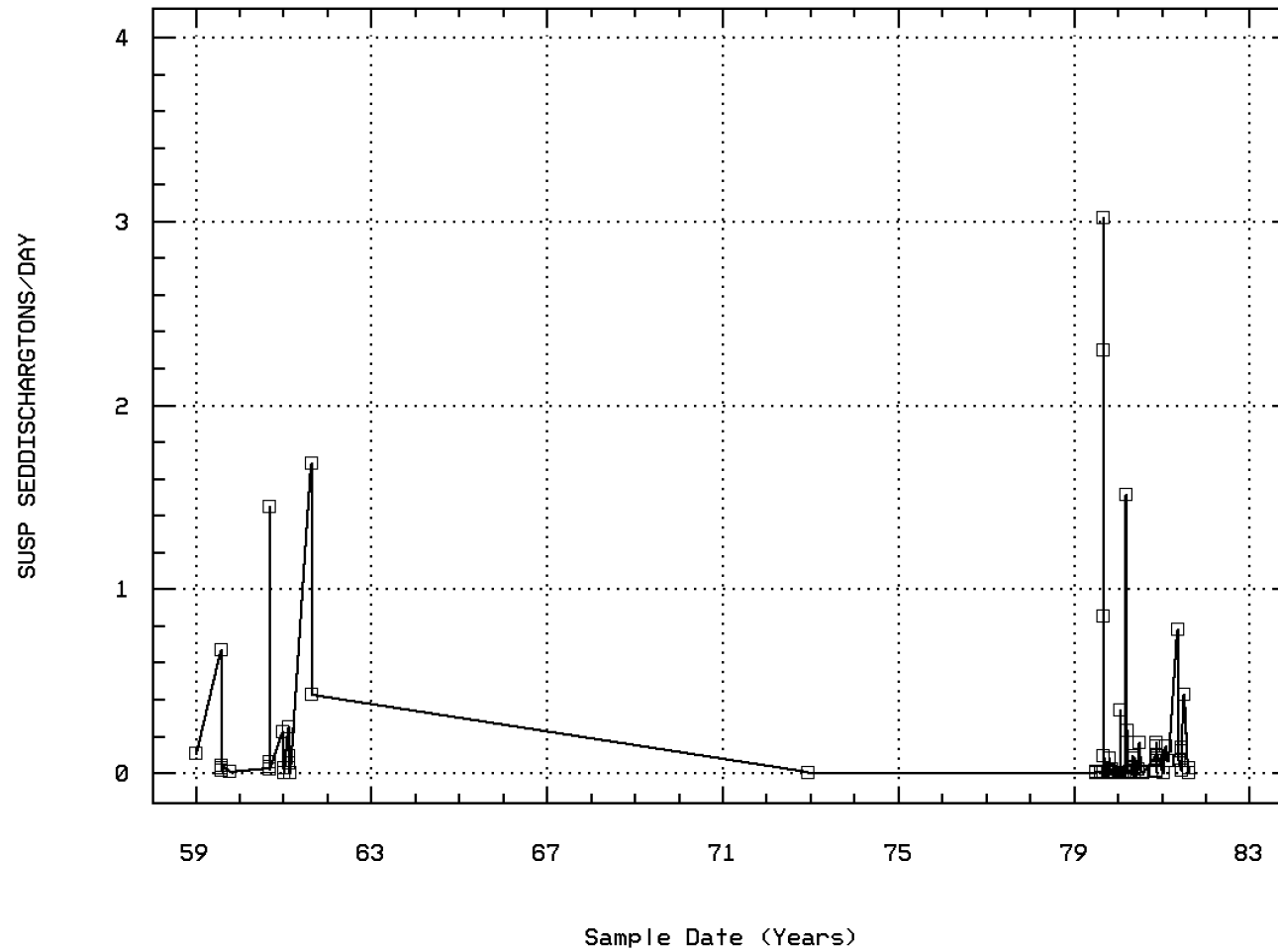


NE B ANACOSTIA R AT RIVERDALE, MD

Station: GREE0006 Parameter Code: 80155

SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)

(X 10000)



NE B ANACOSTIA R AT RIVERDALE, MD

Annual Analysis for 1959 - Station GREE0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/59-09/02/94	4	25.	24.725	26.1	22.8	2.723	1.65	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/03/59-09/02/94	6	297.5	328.333	787.	39.	63730.267	252.449	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	01/03/59-08/12/81	6	436.	963.667	3140.	230.	1242794.267	1114.807	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	01/03/59-08/12/81	6	328.	1423.833	6680.	50.	6755609.367	2599.156	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1960 - Station GREE0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/59-09/02/94	4	21.7	21.675	23.3	20.	2.623	1.619	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/03/59-09/02/94	4	281.5	793.75	2500.	112.	1315998.917	1147.17	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	01/03/59-08/12/81	4	1370.	1261.25	2140.	165.	747539.583	864.604	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	01/03/59-08/12/81	4	450.5	3898.75	14500.	194.	49977714.25	7069.492	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1961 - Station GREE0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/59-09/02/94	9	2.8	6.922	23.9	0.	88.787	9.423	0.	1.15	13.6	23.9
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/03/59-09/02/94	10	584.	643.2	1180.	130.	138225.956	371.788	134.8	358.	1042.5	1170.
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	01/03/59-08/12/81	10	644.	1205.5	5270.	39.	2472405.833	1572.389	39.7	195.25	1627.5	4935.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	01/03/59-08/12/81	10	1579.5	2979.7	16800.	14.	25442034.9	5044.01	14.8	213.25	2947.5	15546.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1963 - Station GREE0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/03/59-09/02/94	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/19/63-09/02/94	1	212.	212.	212.	212.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/19/63-09/02/94	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/19/63-09/02/94	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/19/63-09/02/94	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1969 - Station GREE0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/59-09/02/94	6	14.	16.	28.	5.	94.4	9.716	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/19/63-09/02/94	6	280.	296.667	390.	220.	4906.667	70.048	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/16/69-06/02/92	6	10.4	9.95	11.2	7.9	1.947	1.395	**	**	**	**
00400	PH (STANDARD UNITS)	08/19/63-09/02/94	6	7.05	7.183	8.	6.7	0.246	0.496	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/19/63-09/02/94	6	7.025	7.008	8.	6.7	0.282	0.531	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/19/63-09/02/94	6	0.094	0.098	0.2	0.01	0.006	0.075	**	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/16/69-01/21/74	6	1150.	1181.667	2900.	90.	898016.667	947.637	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/16/69-01/21/74	6	3.06	2.899	3.462	1.954	0.262	0.512	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			792.668								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station GREE0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/59-09/02/94	12	11.75	13.75	29.	0.	96.705	9.834	0.45	6.5	22.5	28.1
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/19/63-09/02/94	12	325.	353.75	830.	100.	37523.295	193.709	130.	217.5	463.75	737.
00300	OXYGEN, DISSOLVED MG/L	07/16/69-06/02/92	12	10.65	10.65	13.3	8.	2.615	1.617	8.15	9.475	11.6	13.21
00400	PH (STANDARD UNITS)	08/19/63-09/02/94	12	7.05	7.308	8.4	6.6	0.326	0.571	6.69	6.925	7.775	8.34
00400	CONVERTED PH (STANDARD UNITS)	08/19/63-09/02/94	12	7.047	7.076	8.4	6.6	0.385	0.621	6.69	6.925	7.775	8.34
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/19/63-09/02/94	12	0.09	0.084	0.251	0.004	0.005	0.07	0.005	0.017	0.119	0.214
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/16/69-01/21/74	12	495.	2680.833	10000.	130.	13999590.152	3741.603	148.	370.	6175.	9640.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/16/69-01/21/74	12	2.694	2.968	4.	2.114	0.446	0.668	2.163	2.568	3.766	3.983
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			929.314								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station GREE0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/59-09/02/94	12	13.	13.042	25.	2.	63.157	7.947	2.45	5.125	20.25	24.1
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/19/63-09/02/94	12	240.	256.083	440.	175.	5082.265	71.29	180.4	215.	297.5	402.5
00300	OXYGEN, DISSOLVED MG/L	07/16/69-06/02/92	12	10.9	11.167	13.2	8.8	2.097	1.448	9.07	10.2	12.8	13.2
00400	PH (STANDARD UNITS)	08/19/63-09/02/94	12	6.8	6.983	8.1	6.5	0.276	0.525	6.5	6.6	7.45	7.98
00400	CONVERTED PH (STANDARD UNITS)	08/19/63-09/02/94	12	6.8	6.795	8.1	6.5	0.315	0.561	6.5	6.6	7.45	7.98
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/19/63-09/02/94	12	0.158	0.16	0.316	0.008	0.012	0.109	0.012	0.044	0.251	0.316
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/16/69-01/21/74	12	230.	255.	600.	18.	33305.091	182.497	32.4	92.	400.	576.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/16/69-01/21/74	12	2.36	2.26	2.778	1.255	0.188	0.434	1.425	1.947	2.594	2.76
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			182.064								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station GREE0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/59-09/02/94	13	9.	12.385	25.5	3.	53.465	7.312	4.2	7.25	19.	24.9
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/03/59-09/02/94	5	100.	76.2	109.	28.	1392.2	37.312	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/19/63-09/02/94	13	235.	233.923	340.	155.	2867.077	53.545	159.	190.	265.	324.
00300	OXYGEN, DISSOLVED MG/L	07/16/69-06/02/92	12	9.9	9.925	12.3	7.7	2.366	1.538	7.85	8.45	11.375	12.21
00400	PH (STANDARD UNITS)	08/19/63-09/02/94	13	6.8	6.923	7.8	6.5	0.172	0.415	6.5	6.6	7.2	7.72
00400	CONVERTED PH (STANDARD UNITS)	08/19/63-09/02/94	13	6.8	6.789	7.8	6.5	0.191	0.437	6.5	6.6	7.2	7.72
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/19/63-09/02/94	13	0.158	0.162	0.316	0.016	0.011	0.104	0.02	0.063	0.251	0.316
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/16/69-01/21/74	12	810.	2351.	13000.	52.	13307372.	3647.927	66.4	530.	3125.	10540.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/16/69-01/21/74	12	2.903	2.964	4.114	1.716	0.451	0.672	1.801	2.722	3.489	3.984
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			921.327								
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	01/03/59-08/12/81	1	24.	24.	24.	24.	0.	0.	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	01/03/59-08/12/81	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station GREE0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/59-09/02/94	12	14.	13.875	28.5	0.	81.097	9.005	0.6	8.	20.5	27.75
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/03/59-09/02/94	12	83.5	112.75	407.	21.	12095.114	109.978	21.3	31.	153.	350.3
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/19/63-09/02/94	12	217.5	229.75	370.	125.	6105.295	78.136	135.5	168.	291.25	365.5
00300	OXYGEN, DISSOLVED MG/L	07/16/69-06/02/92	12	10.15	10.45	13.9	7.4	3.517	1.875	7.76	9.025	11.375	13.69
00400	PH (STANDARD UNITS)	08/19/63-09/02/94	12	7.	7.033	7.5	6.6	0.106	0.326	6.63	6.725	7.4	7.47

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station GREE0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	CONVERTED PH (STANDARD UNITS)	08/19/63-09/02/94	12	6.989	6.932	7.5	6.6	0.117	0.342	6.63	6.725	7.4	7.47
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/19/63-09/02/94	12	0.103	0.117	0.251	0.032	0.006	0.076	0.034	0.04	0.189	0.236
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/16/69-01/21/74	12	1100.	2986.667	9000.	270.	10997642.424	3316.269	288.	515.	5425.	9000.
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	07/16/69-01/21/74	12	3.04	3.177	3.954	2.431	0.312	0.558	2.458	2.709	3.731	3.954
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			1501.817								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GREE0006

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/59-09/02/94	12	8.25	9.25	17.	3.	16.068	4.009	3.9	6.125	12.75	15.8
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/03/59-09/02/94	12	52.5	189.667	958.	23.	99418.061	315.306	23.3	25.75	157.25	893.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/19/63-09/02/94	1	118.	118.	118.	118.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/16/69-06/02/92	1	13.1	13.1	13.1	13.1	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/19/63-09/02/94	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/19/63-09/02/94	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/19/63-09/02/94	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/16/69-01/21/74	1	2800.	2800.	2800.	2800.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/16/69-01/21/74	1	3.447	3.447	3.447	3.447	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =		2800.									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GREE0006

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/59-09/02/94	27	12.	12.47	31.	2.	62.339	7.896	2.	6.	18.	24.2
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/03/59-09/02/94	27	66.	87.556	343.	25.	4649.641	68.188	27.8	42.	123.	152.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GREE0006

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/59-09/02/94	8	15.5	15.875	25.	7.	48.125	6.937	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/03/59-09/02/94	8	35.5	44.	111.	24.	820.571	28.646	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GREE0006

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/59-09/02/94	8	15.5	16.75	29.5	5.5	85.286	9.235	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/03/59-09/02/94	8	32.	42.	124.	12.	1313.143	36.237	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GREE0006

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/59-09/02/94	4	11.5	12.625	27.	0.5	120.229	10.965	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	01/03/59-09/02/94	4	58.5	76.25	162.	26.	3562.917	59.69	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GREE0006

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/59-09/02/94	7	13.	15.5	29.5	1.5	112.75	10.618	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	01/03/59-09/02/94	22	111.	834.727	6394.	35.	3245709.827	1801.585	46.	53.25	347.75	4821.4
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/19/63-09/02/94	3	139.	136.	171.	98.	1339.	36.592	**	**	**	**
80154 SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	01/03/59-08/12/81	17	168.	387.824	1748.	3.	330148.404	574.585	6.2	11.5	511.5	1508.
80155 SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	01/03/59-08/12/81	17	62.	3764.47	30200.	0.59	79665184.58	8925.536	1.078	1.5	865.5	24440.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GREE0006

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/59-09/02/94	30	14.5	14.183	29.5	0.	81.095	9.005	1.1	5.625	23.125	28.1
00061 FLOW, STREAM, INSTANTANEOUS CFS	01/03/59-09/02/94	45	170.	357.4	2240.	25.	230487.382	480.091	39.4	76.	466.5	998.
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/19/63-09/02/94	18	175.	197.889	480.	62.	8727.987	93.424	109.7	150.75	227.75	358.5
80154 SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	01/03/59-08/12/81	29	113.	363.379	2503.	7.	293487.03	541.744	8.	23.5	510.5	839.
80155 SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	01/03/59-08/12/81	29	70.	1059.158	15100.	0.59	7982490.121	2825.33	1.8	7.85	953.	2300.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GREE0006

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/59-09/02/94	11	7.5	10.455	27.	0.	74.873	8.653	0.3	4.5	20.	25.8
00061 FLOW, STREAM, INSTANTANEOUS CFS	01/03/59-09/02/94	19	261.	350.421	1270.	11.	126771.924	356.05	16.	35.	499.	1037.
80154 SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	01/03/59-08/12/81	12	583.	731.583	2271.	0.	429033.356	655.006	2.4	269.25	992.75	2048.7
80155 SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	01/03/59-08/12/81	12	667.	1534.042	7790.	0.	5217451.203	2284.174	0.45	174.5	1412.5	6737.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GREE0006

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/59-09/02/94	3	8.	8.5	10.5	7.	3.25	1.803	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	01/03/59-09/02/94	3	82.	170.	392.	36.	37492.	193.629	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GREE0006

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/59-09/02/94	7	15.	15.786	29.	1.5	137.155	11.711	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	01/03/59-09/02/94	7	47.	61.143	120.	12.	1827.143	42.745	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GREE0006

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/59-09/02/94	2	8.	8.	10.	6.	8.	2.828	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	01/03/59-09/02/94	2	71.	71.	108.	34.	2738.	52.326	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GREE0006

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/59-09/02/94	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	01/03/59-09/02/94	1	10.	10.	10.	10.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GREE0006

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/59-09/02/94	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	01/03/59-09/02/94	1	49.	49.	49.	49.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/19/63-09/02/94	1	184.	184.	184.	184.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	07/16/69-06/02/92	1	9.1	9.1	9.1	9.1	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	08/19/63-09/02/94	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	08/19/63-09/02/94	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/19/63-09/02/94	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GREE0006

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/59-09/02/94	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	01/03/59-09/02/94	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/19/63-09/02/94	1	217.	217.	217.	217.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	08/19/63-09/02/94	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	08/19/63-09/02/94	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/19/63-09/02/94	1	0.398	0.398	0.398	0.398	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GREE0006

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/59-09/02/94	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	01/03/59-09/02/94	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/19/63-09/02/94	1	243.	243.	243.	243.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	08/19/63-09/02/94	1	7.08	7.08	7.08	7.08	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	08/19/63-09/02/94	1	7.08	7.08	7.08	7.08	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/19/63-09/02/94	1	0.083	0.083	0.083	0.083	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station GREE0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/59-09/02/94	51	23.9	22.947	29.5	4.5	25.503	5.05	17.1	20.6	26.1	28.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/17/74-09/02/94	21	25.5	24.667	36.	10.5	44.183	6.647	14.9	19.5	29.25	33.8
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/03/59-09/02/94	49	46.	534.143	6394.	10.	1671219.917	1292.757	13.	26.5	312.	1410.
00065	STAGE, STREAM (FEET)	10/17/74-09/02/94	20	1.475	1.468	1.65	1.26	0.015	0.123	1.283	1.355	1.578	1.636
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/19/63-09/02/94	23	243.	276.913	520.	98.	10985.265	104.811	148.	212.	340.	458.
00300p	OXYGEN, DISSOLVED MG/L	07/16/69-06/02/92	16	9.55	9.331	11.	7.4	1.241	1.114	7.61	8.6	10.2	10.65
00400p	PH (STANDARD UNITS)	08/19/63-09/02/94	18	7.5	7.488	8.4	6.5	0.283	0.532	6.77	7.035	7.85	8.22
00400p	CONVERTED PH (STANDARD UNITS)	08/19/63-09/02/94	18	7.489	7.195	8.4	6.5	0.374	0.612	6.77	7.035	7.85	8.22
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/19/63-09/02/94	18	0.032	0.064	0.316	0.004	0.006	0.081	0.006	0.014	0.094	0.174
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/13/79-06/02/92	11	1.2	1.171	2.8	0.22	0.45	0.671	0.258	0.81	1.4	2.54
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/06/73-01/09/84	5	0.67	0.732	1.2	0.38	0.096	0.31	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/13/79-09/02/94	10	0.5	0.66	1.2	0.5	0.065	0.255	0.5	0.5	0.85	1.18
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/72-06/02/92	12	0.261	0.311	0.75	0.03	0.056	0.238	0.03	0.115	0.528	0.702
00955p	SILICA, DISSOLVED (MG/L AS SiO2)	08/19/63-09/02/94	10	5.7	5.45	7.6	3.3	2.885	1.699	3.33	3.75	6.9	7.59
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	01/03/59-08/12/81	23	476.	1082.13	5270.	0.	1556208.391	1247.481	10.	165.	1566.	2740.
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	01/03/59-08/12/81	23	385.	4916.287	30200.	0.	69814976.163	8355.536	1.154	50.	6680.	20520.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station GREE0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/59-09/02/94	96	6.5	6.543	18.	0.	17.613	4.197	1.35	3.	9.	12.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/17/74-09/02/94	49	10.	10.01	25.	-1.	36.724	6.06	4.	6.	14.	19.
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/03/59-09/02/94	101	104.	250.416	2240.	16.	140596.465	374.962	34.2	54.5	264.	680.
00065	STAGE, STREAM (FEET)	10/17/74-09/02/94	51	1.64	1.652	3.07	0.	0.161	0.402	1.31	1.45	1.83	2.02
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/19/63-09/02/94	38	235.	255.526	830.	62.	16353.77	127.882	157.9	179.25	262.5	395.5
00300p	OXYGEN, DISSOLVED MG/L	07/16/69-06/02/92	27	11.5	11.652	13.9	9.7	1.557	1.248	9.94	10.7	13.1	13.22
00400p	PH (STANDARD UNITS)	08/19/63-09/02/94	29	6.8	6.831	7.5	6.4	0.079	0.28	6.5	6.6	7.	7.2
00400p	CONVERTED PH (STANDARD UNITS)	08/19/63-09/02/94	29	6.8	6.758	7.5	6.4	0.084	0.29	6.5	6.6	7.	7.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/19/63-09/02/94	29	0.158	0.175	0.398	0.032	0.009	0.093	0.063	0.1	0.251	0.316
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/13/79-06/02/92	13	1.2	1.261	3.1	0.41	0.684	0.827	0.426	0.49	1.75	2.82
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/06/73-01/09/84	9	1.1	1.09	1.5	0.65	0.088	0.296	0.65	0.87	1.4	1.5
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/13/79-09/02/94	7	0.8	0.814	1.1	0.5	0.041	0.204	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/72-06/02/92	11	0.1	0.194	0.63	0.029	0.034	0.185	0.033	0.051	0.31	0.58
00955p	SILICA, DISSOLVED (MG/L AS SiO2)	08/19/63-09/02/94	11	6.	5.664	7.6	2.3	2.929	1.711	2.56	3.8	7.1	7.54
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	01/03/59-08/12/81	40	212.	412.675	2503.	3.	307162.687	554.223	8.	20.25	647.25	1130.
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	01/03/59-08/12/81	40	186.5	1009.047	15100.	0.59	5979709.018	2445.344	1.5	5.15	1023.25	2292.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GREE0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/59-09/02/94	48	17.	17.265	31.	8.	30.818	5.551	9.9	13.	21.75	24.55
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/17/74-09/02/94	24	20.5	19.792	31.	6.	55.433	7.445	8.75	14.5	26.	29.25
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/03/59-09/02/94	49	109.	199.653	1270.	20.	56880.356	238.496	26.	48.5	277.5	499.
00065	STAGE, STREAM (FEET)	10/17/74-09/02/94	26	1.595	1.633	2.55	1.02	0.144	0.38	1.2	1.365	1.848	2.314
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/19/63-09/02/94	20	179.5	188.05	320.	100.	3561.103	59.675	115.4	155.	232.5	307.5
00300p	OXYGEN, DISSOLVED MG/L	07/16/69-06/02/92	13	9.1	9.562	11.6	8.	1.516	1.231	8.08	8.45	10.75	11.48
00400p	PH (STANDARD UNITS)	08/19/63-09/02/94	13	6.9	6.938	7.6	6.5	0.114	0.338	6.54	6.6	7.1	7.56
00400p	CONVERTED PH (STANDARD UNITS)	08/19/63-09/02/94	13	6.9	6.836	7.6	6.5	0.126	0.354	6.54	6.6	7.1	7.56
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/19/63-09/02/94	13	0.126	0.146	0.316	0.025	0.009	0.093	0.028	0.079	0.251	0.29
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/13/79-06/02/92	12	1.75	2.641	8.8	0.4	5.465	2.338	0.505	1.005	3.675	7.54
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/06/73-01/09/84	11	0.63	0.713	1.3	0.53	0.049	0.222	0.534	0.56	0.8	1.21

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

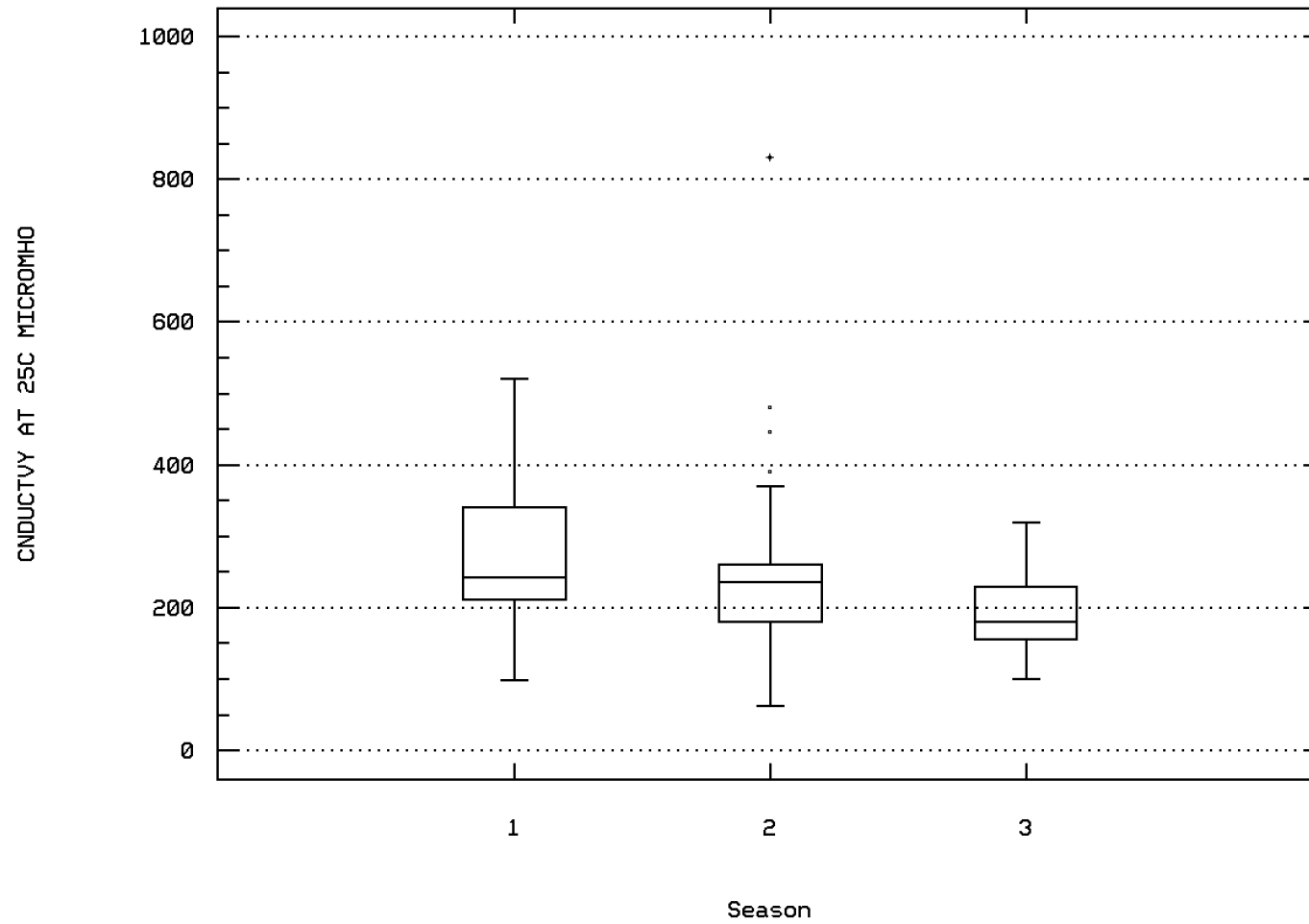
Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GREE0006

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00631p NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/13/79-09/02/94	6	0.7	0.817	1.2	0.6	0.07	0.264	**	**	**	**
00665p PHOSPHORUS, TOTAL (MG/L AS P)	09/20/72-06/02/92	12	0.205	0.257	0.74	0.05	0.045	0.212	0.053	0.09	0.345	0.686
00955p SILICA, DISSOLVED (MG/L AS SI02)	08/19/63-09/02/94	6	4.45	4.867	7.1	3.5	2.147	1.465	**	**	**	**
80154p SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	01/03/59-08/12/81	16	276.5	463.75	2271.	10.	320138.867	565.808	10.	124.5	585.	1388.3
80155p SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	01/03/59-08/12/81	16	167.5	851.569	7790.	1.2	3619547.298	1902.511	2.39	58.25	869.75	3289.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GREE0006 Parameter Code: 00095

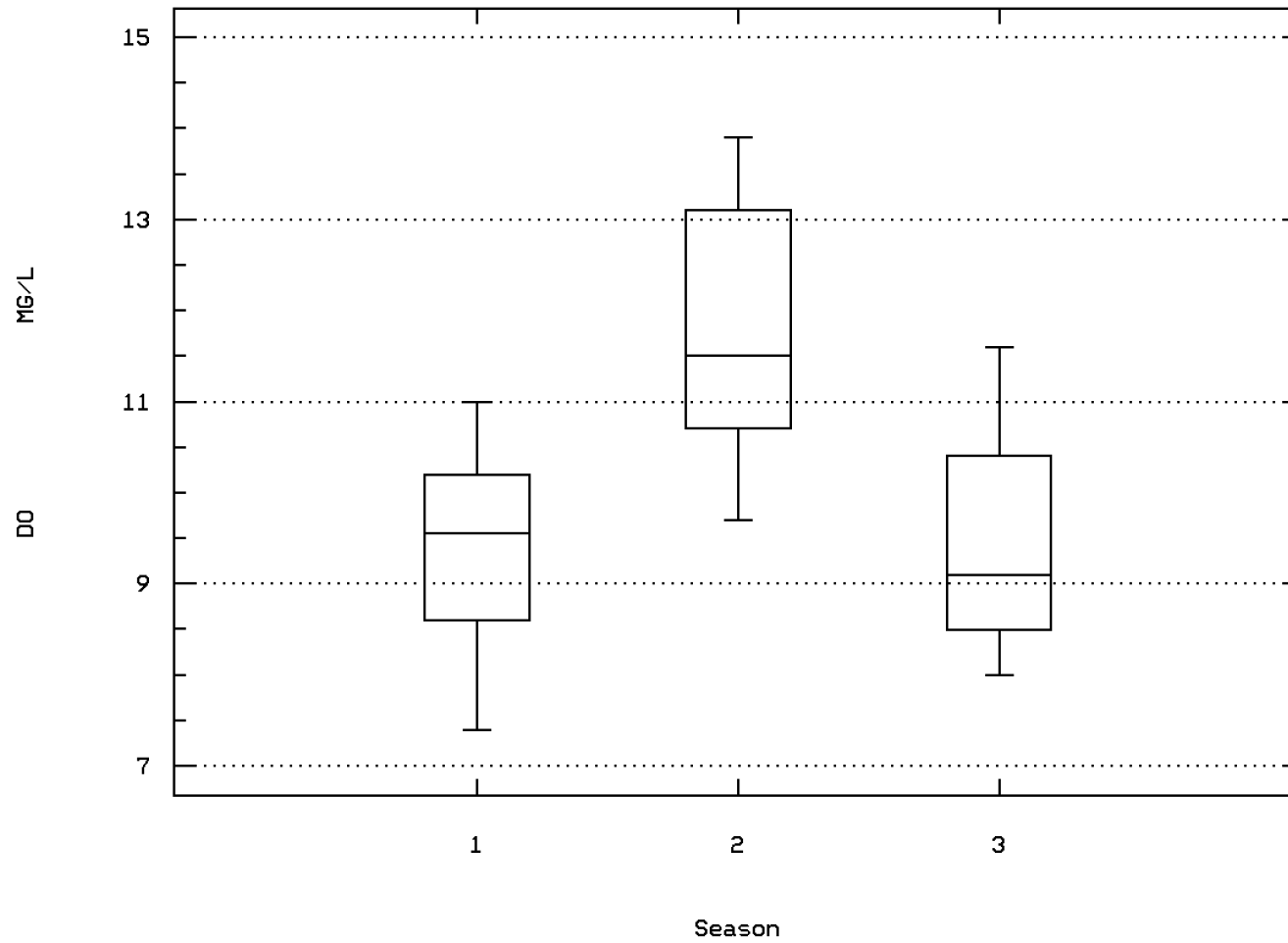
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



NE B ANACOSTIA R AT RIVERDALE, MD

Station: GREE0006 Parameter Code: 00300

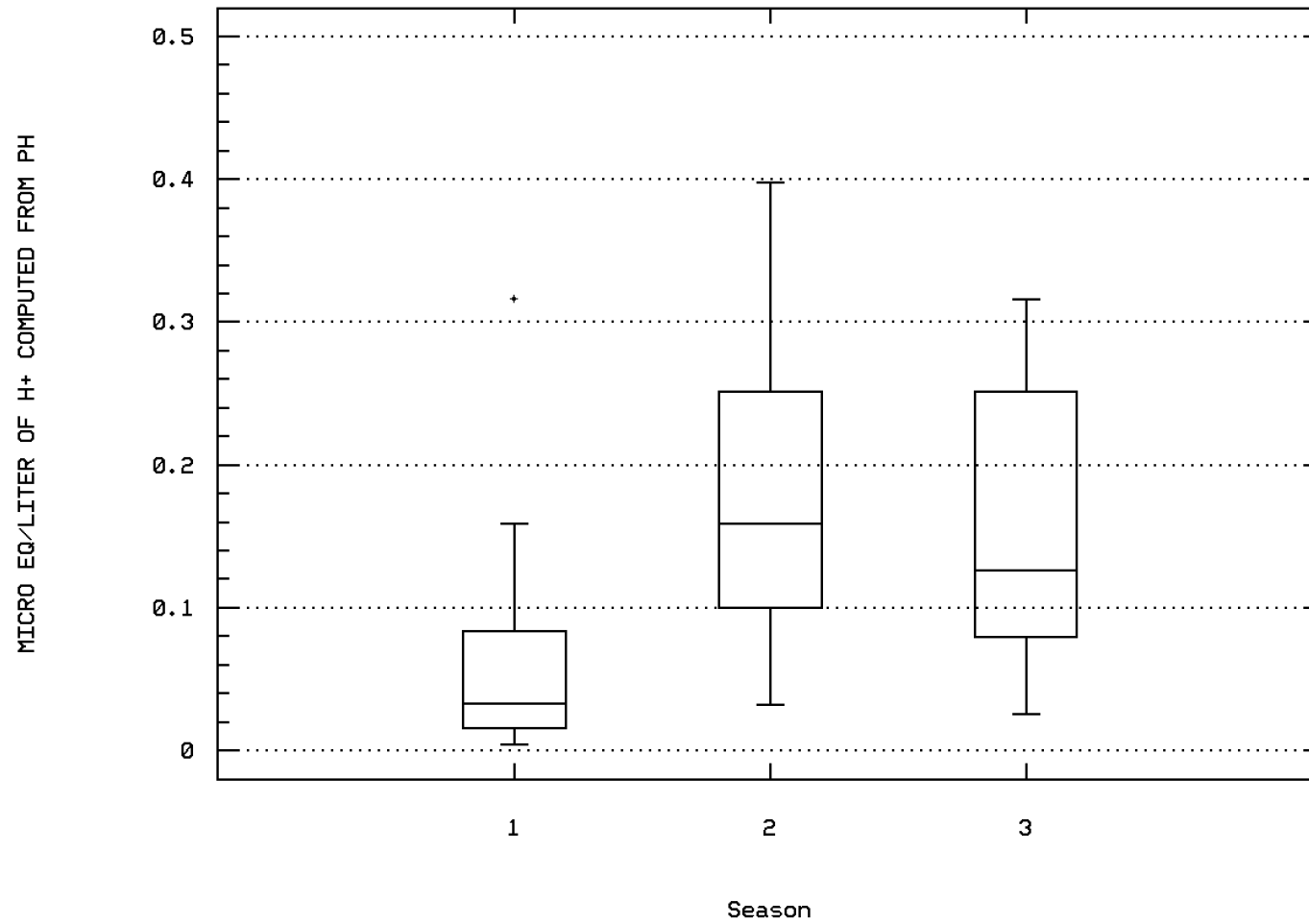
OXYGEN, DISSOLVED



NE B ANACOSTIA R AT RIVERDALE, MD

Station: GREE0006 Parameter Code: 00400

MICRO EQ/LITER OF H+ COMPUTED FROM PH

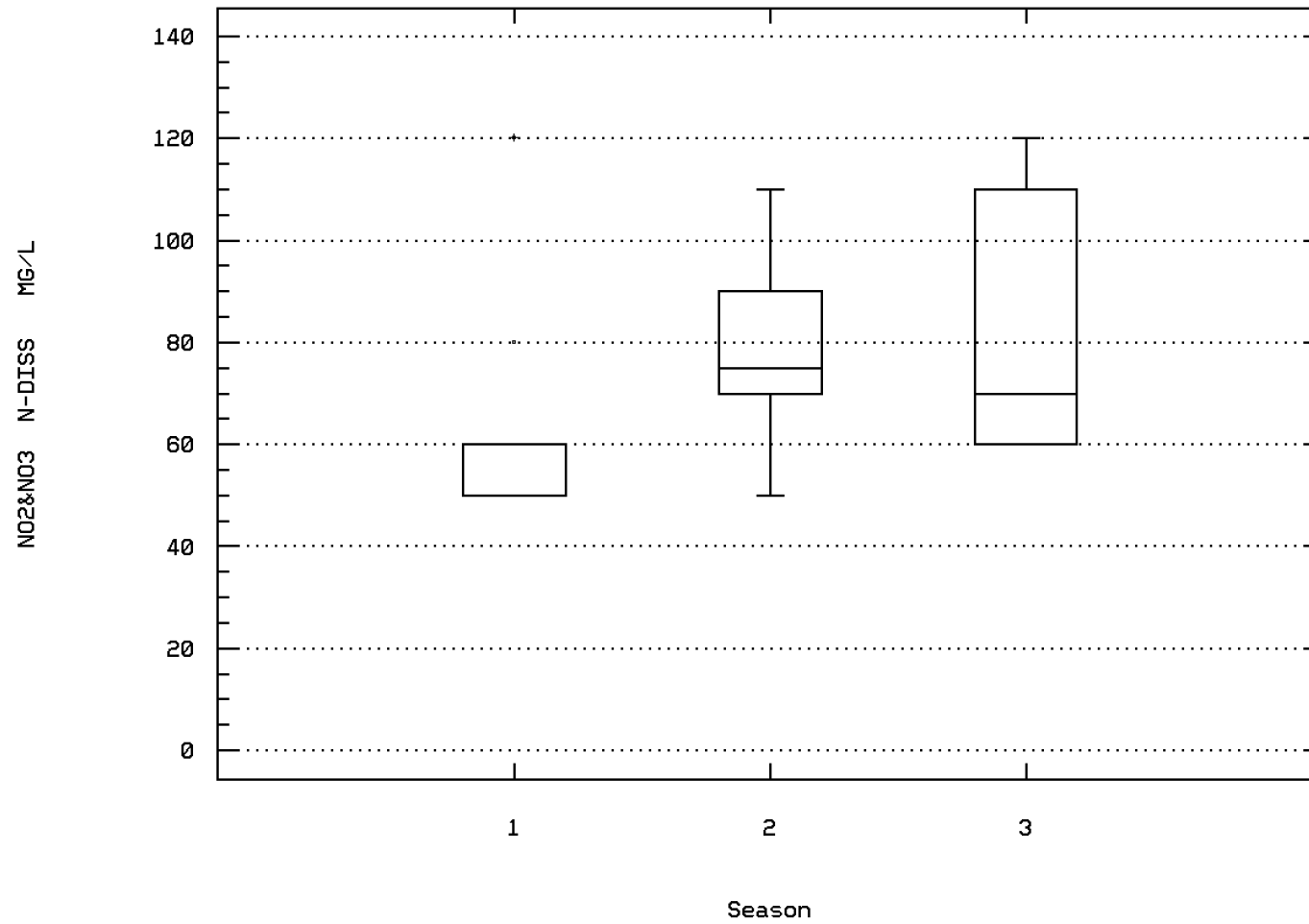


NE B ANACOSTIA R AT RIVERDALE, MD

Station: GREE0006 Parameter Code: 00631

NITRITE PLUS NITRATE, DISS. 1 DET. (MG/

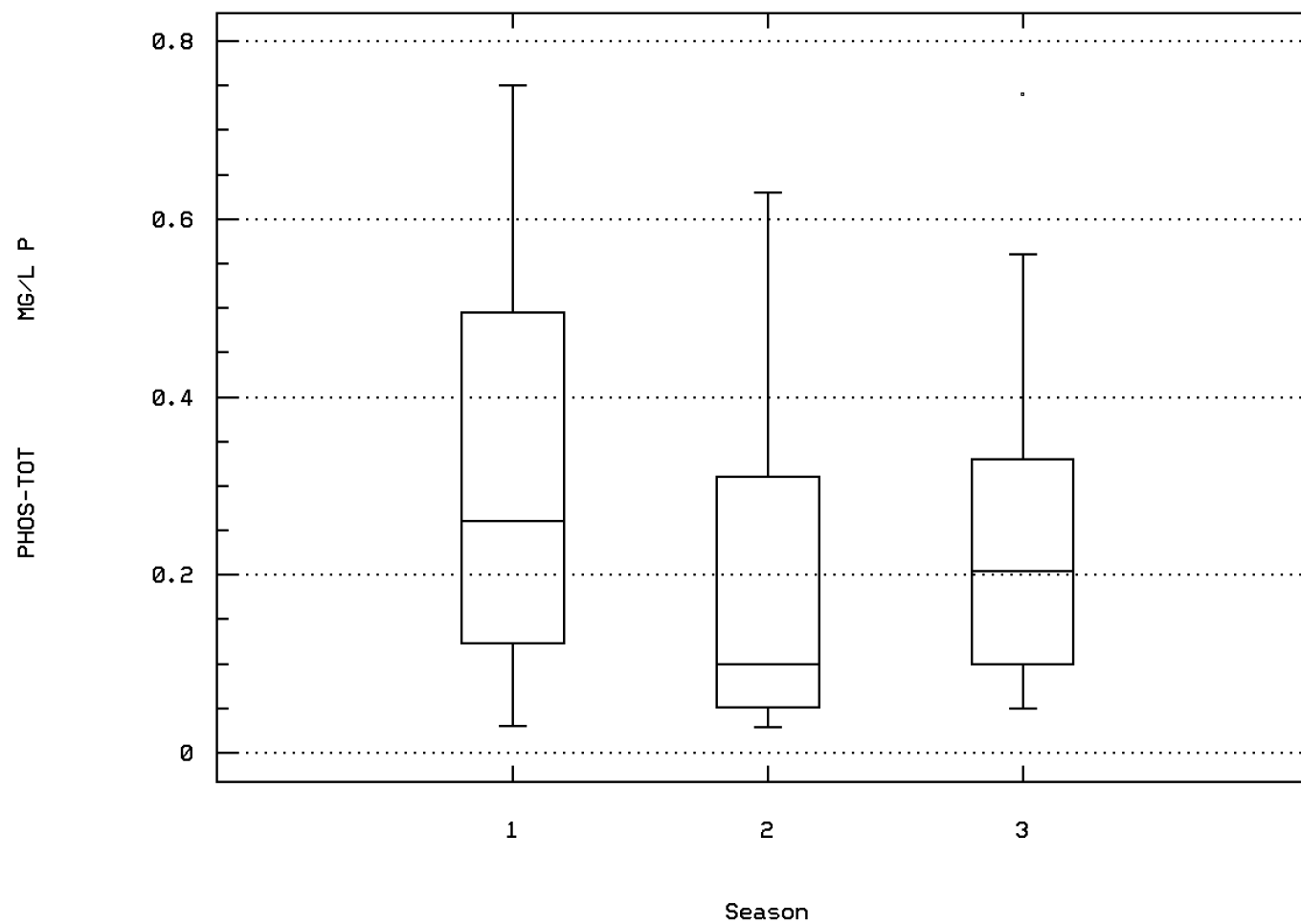
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NE B ANACOSTIA R AT RIVERDALE, MD

Station: GREE0006 Parameter Code: 00665

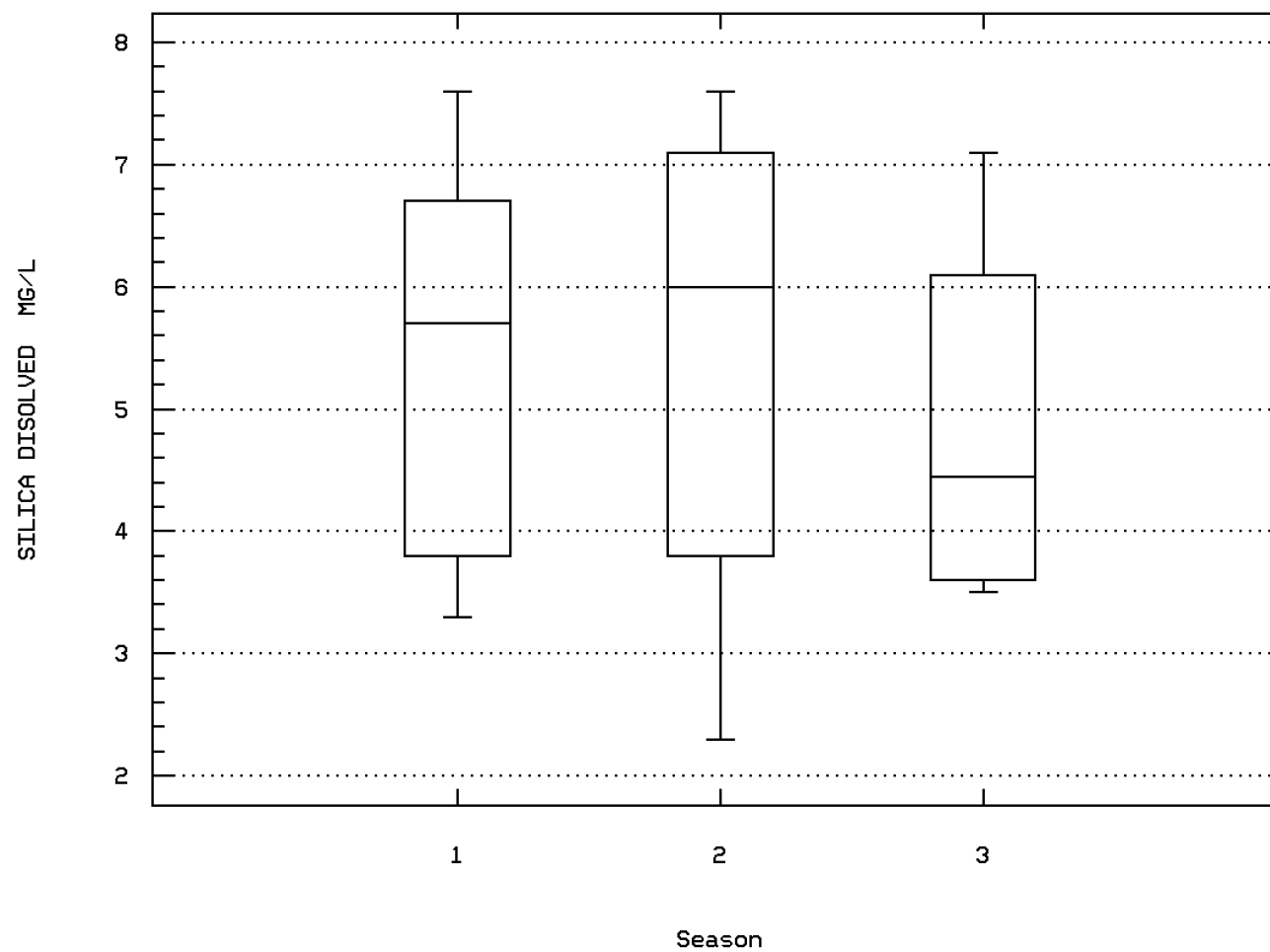
PHOSPHORUS, TOTAL (MG/L AS P)



NE B ANACOSTIA R AT RIVERDALE, MD

Station: GREE0006 Parameter Code: 00955

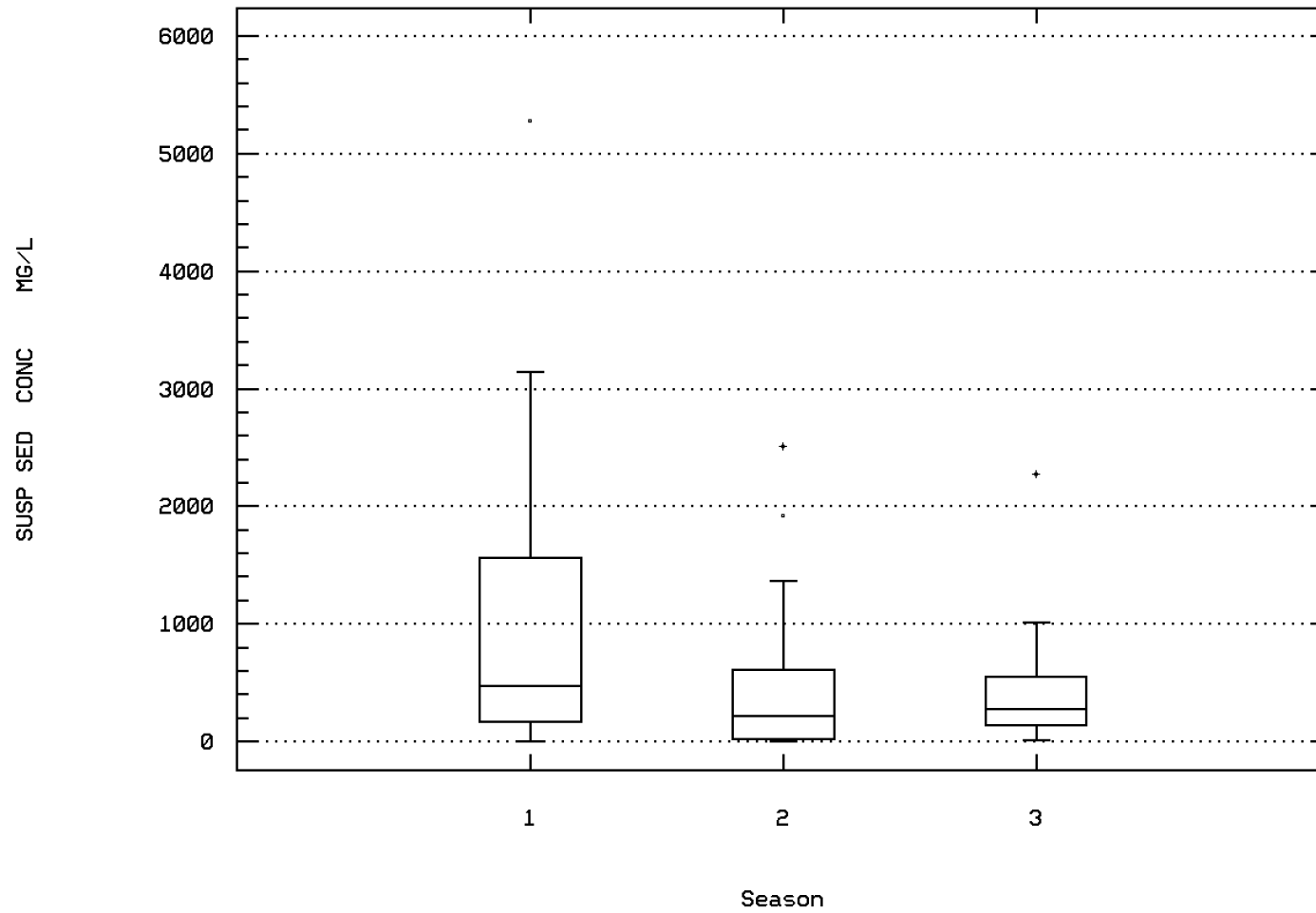
SILICA, DISSOLVED (MG/L AS SI02)



NE B ANACOSTIA R AT RIVERDALE, MD

Station: GREE0006 Parameter Code: 80154

SUSP. SEDIMENT CONCENTRATION-EVAP. AT 1

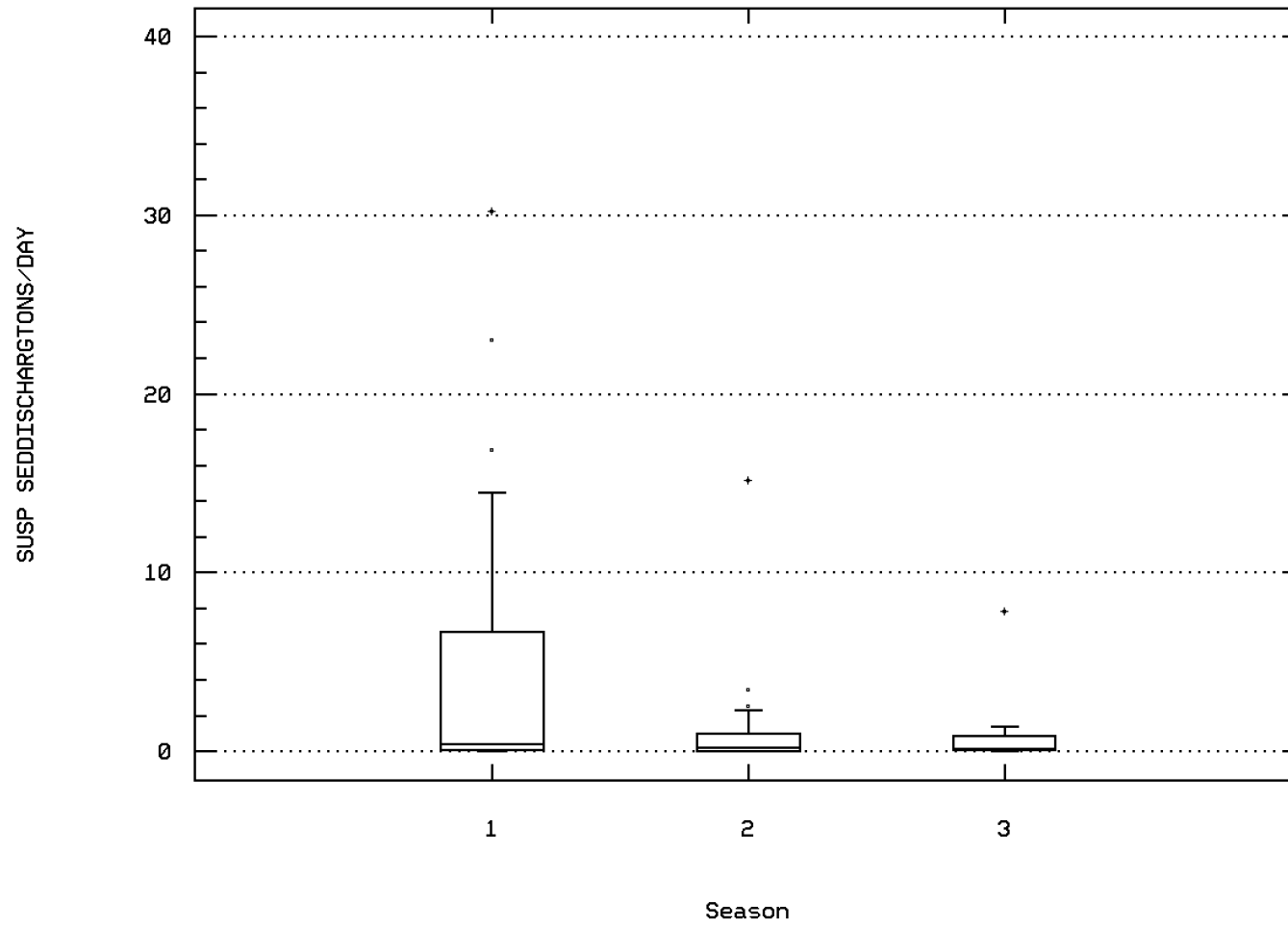


NE B ANACOSTIA R AT RIVERDALE, MD

Station: GREE0006 Parameter Code: 80155

SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)

(X 1000)



NE B ANACOSTIA R AT RIVERDALE, MD

Station Inventory for Station: GREE0007

NPS Station ID: GREE0007	LAT/LON: 38.970281/ -76.915838	Agency: 21MDPGHD	Date Created: / /
Location: BRIAR DITCH RIVERDARDALE KENILWR		FIPS State/County: 24033 MARYLAND/PRINCE GEORGES	
Station Type: /TYPA/AMBNT/STREAM		STORET Station ID(s): A-8 /243005 /PO-A-8	
RMI-Indexes: 0214001 002640 00200		Within Park Boundary: No	
RMI-Miles: 0109.10 0011.90 000.19			
HUC: 02070010	Depth of Water: 0	Aquifer:	
Major Basin: NORTH ATLANTIC	Elevation: 0	Water Body Id:	
Minor Basin: POTOMAC R		ECO Region:	
RF1 Index: 02070010030	RF1 Mile Point: 2.880	Distance from RF1: 0.00	On/Off RF1: OFF
RF3 Index: 02070010063800.00	RF3 Mile Point: 0.12	Distance from RF3: 0.02	On/Off RF3:
Description:			

Parameter Inventory for Station: GREE0007

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/03/80	59	11.	13.085	29.	0.	80.191	8.955	1.	5.	21.5	26.
00300 OXYGEN, DISSOLVED MG/L	12/18/73-12/03/80	58	9.75	10.288	15.	6.4	5.532	2.352	7.78	8.35	12.1	13.87
00400 PH (STANDARD UNITS)	12/18/73-12/03/80	56	7.1	7.129	9.05	4.8	0.466	0.683	6.2	6.8	7.6	7.9
00400 CONVERTED PH (STANDARD UNITS)	12/18/73-12/03/80	56	7.1	6.353	9.05	4.8	1.08	1.039	6.2	6.8	7.6	7.9
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/03/80	56	0.079	0.444	15.849	0.001	4.466	2.113	0.013	0.025	0.158	0.631
01000 ARSENIC, DISSOLVED (UG/L AS AS)	10/27/75-03/22/76	6	3.5	5.	14.	1.	22.4	4.733	**	**	**	**
30000 DIMETHOATE, SOIL, RECOVERABLE MG/KG	10/27/75-03/22/76	6	14.	13.333	15.	9.	5.467	2.338	**	**	**	**
31501 COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/22/76-12/03/80	34	23000.	192408.824	2400000.	240.248091462016.756	498087.806	2300.	4300.	51000.	1100000.	
31501 LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	03/22/76-12/03/80	34	4.362	4.352	6.38	2.38	0.805	0.897	3.362	3.633	4.694	6.041
31501 GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			22495.656								
31505 COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/18/73-02/23/76	16	23000.	310943.75	2400000.	1200.443702550625.	666110.014	1970.	12225.	100750.	1490000.	
31505 LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	12/18/73-02/23/76	16	4.362	4.559	6.38	3.079	0.909	0.953	3.277	4.057	4.968	6.143
31505 GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			36220.782								
31515 INVALID PARM	12/31/74-09/22/75	9	15000.	69011.111	460000.	7500.21664428611.111	147188.412	7500.	9300.	41000.	460000.	
31615 FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	58	4300.	25566.138	460000.	43. 5487943868.296	74080.658	430.	930.	9300.	48000.	
31615 LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	58	3.633	3.617	5.663	1.633	0.676	0.822	2.633	2.968	3.968	4.667
31615 GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4140.342								
40000 INVALID PARAMETER	10/27/75-03/22/76	5	7.2	6.92	7.8	5.8	0.772	0.879	**	**	**	**
50531 BENZENE, 1,2-PROPADIENYL- UG/L	10/27/75-03/22/76	6	33000.	424166.667	2400000.	15000.937077766666.667	968027.772	**	**	**	**	**
61500 MERCURY SLUDGE SOLID FRACTN,DRY WT,MG/KG	10/27/75-03/22/76	6	6800.	6208.333	9300.	750. 13150416.667	3626.35	**	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GREE0007

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
			Obs			Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	58	0	0.00	16	0	0.00	32	0	0.00	10	0	0.00			
00400 PH	Fresh Chronic	9.	56	1	0.02	16	1	0.06	32	0	0.00	8	0	0.00			
	Other-Lo Lim.	6.5	56	10	0.18	16	2	0.13	32	6	0.19	8	2	0.25			
01000 ARSENIC, DISSOLVED	Fresh Acute	360.	6	0	0.00				6	0	0.00						
	Drinking Water	50.	6	0	0.00				6	0	0.00						
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	34	32	0.94	10	9	0.90	18	17	0.94	6	6	1.00			
31505 COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	16	16	1.00	3	3	1.00	11	11	1.00	2	2	1.00			
31615 FECAL COLIFORM, MPN	Other-Hi Lim.	200.	58	55	0.95	16	16	1.00	32	29	0.91	10	10	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station GREE0007

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	1	12.4	12.4	12.4	12.4	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	1	9300.	9300.	9300.	9300.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	1	3.968	3.968	3.968	3.968	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =		9300.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GREE0007

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11	16.	14.091	26.	5.	64.441	8.028	5.	5.	21.5	25.2
00300	OXYGEN, DISSOLVED MG/L	11	8.9	9.318	12.8	6.9	3.05	1.746	7.04	8.1	10.5	12.52
00400	PH (STANDARD UNITS)	11	7.1	6.764	7.5	4.8	0.605	0.778	5.06	6.4	7.3	7.46
00400	CONVERTED PH (STANDARD UNITS)	11	7.1	5.792	7.5	4.8	1.642	1.282	5.06	6.4	7.3	7.46
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11	0.079	1.613	15.849	0.032	22.344	4.727	0.035	0.05	0.398	12.838
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11	1500.	4659.364	23000.	43.	48000778.455	6928.259	64.4	930.	9300.	20260.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11	3.176	3.193	4.362	1.633	0.619	0.787	1.742	2.968	3.968	4.283
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =		1558.853								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GREE0007

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11	10.	13.682	28.	4.	70.664	8.406	4.2	6.	19.	27.8
00300	OXYGEN, DISSOLVED MG/L	11	9.2	10.018	13.2	6.4	5.292	2.3	6.68	8.	12.6	13.12
00400	PH (STANDARD UNITS)	10	7.1	7.13	7.8	5.8	0.393	0.627	5.9	6.8	7.7	7.79
00400	CONVERTED PH (STANDARD UNITS)	10	7.089	6.638	7.8	5.8	0.662	0.814	5.9	6.8	7.7	7.79
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10	0.082	0.23	1.585	0.016	0.23	0.48	0.016	0.02	0.158	1.442
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11	7500.	27161.818	240000.	430.	4994301936.364	70670.375	494.	4300.	9300.	193860.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11	3.875	3.776	5.38	2.633	0.491	0.701	2.682	3.633	3.968	5.098
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =		5973.027								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GREE0007

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12	12.5	13.5	29.	1.	115.545	10.749	1.3	3.25	24.75	28.1
00300	OXYGEN, DISSOLVED MG/L	11	12.	12.191	15.	8.9	6.879	2.623	8.9	9.	15.	15.
00400	PH (STANDARD UNITS)	10	7.325	7.508	9.05	6.2	0.593	0.77	6.28	7.135	8.1	8.955
00400	CONVERTED PH (STANDARD UNITS)	10	7.319	7.001	9.05	6.2	0.879	0.937	6.28	7.135	8.1	8.955
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10	0.048	0.1	0.631	0.001	0.036	0.189	0.002	0.008	0.075	0.578
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12	4300.	13814.417	93000.	43.	661938132.265	25728.158	159.1	2200.	11325.	72000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12	3.633	3.61	4.968	1.633	0.722	0.85	1.933	3.29	4.052	4.786
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =		4076.352								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GREE0007

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/03/80	11	11	13.636	23.	0.	78.655	8.869	0.2	9.	22.	23.
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/03/80	11	8.6	9.755	14.5	7.	5.453	2.335	7.18	8.2	11.1	14.2
00400	PH (STANDARD UNITS)	12/18/73-12/03/80	11	7.08	7.134	7.9	6.07	0.396	0.629	6.156	6.5	7.8	7.9
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/03/80	11	7.08	6.755	7.9	6.07	0.554	0.744	6.156	6.5	7.8	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/03/80	11	0.083	0.176	0.851	0.013	0.063	0.25	0.013	0.016	0.316	0.744
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	10	29000.	91720.	460000.	2300.21981108444.444	148260.273	2300.	7550.	129750.	438000.	
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	10	4.405	4.411	5.663	3.362	0.618	0.786	3.362	3.817	5.071	5.635
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			25792.306								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GREE0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/03/80	6	11.	11.083	22.5	1.	67.042	8.188	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/03/80	6	10.1	10.05	12.4	8.	3.535	1.88	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-12/03/80	6	6.95	6.95	7.1	6.8	0.019	0.138	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/03/80	6	6.947	6.932	7.1	6.8	0.019	0.139	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/03/80	6	0.113	0.117	0.158	0.079	0.001	0.036	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	6	1615.	2251.667	4300.	750.	2828456.667	1681.802	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	6	3.165	3.24	3.633	2.875	0.121	0.348	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1738.262								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GREE0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/03/80	7	11.	12.571	27.	0.	114.952	10.722	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/03/80	7	10.1	9.986	13.6	7.2	5.225	2.286	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-12/03/80	7	7.59	7.396	8.25	6.2	0.445	0.667	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/03/80	7	7.59	6.91	8.25	6.2	0.721	0.849	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/03/80	7	0.026	0.123	0.631	0.006	0.051	0.227	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	7	930.	3860.	15000.	430.	30610400.	5532.667	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	7	2.968	3.183	4.176	2.633	0.408	0.639	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1524.438								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station GREE0007

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/03/80	16	22.75	23.125	28.	16.	13.683	3.699	16.7	21.25	26.	27.3
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/03/80	16	8.2	8.331	12.	6.4	1.513	1.23	6.75	8.	8.875	9.9
00400	PH (STANDARD UNITS)	12/18/73-12/03/80	16	7.275	7.335	9.05	6.07	0.448	0.669	6.301	7.	7.7	8.175
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/03/80	16	7.274	6.91	9.05	6.07	0.641	0.8	6.301	7.	7.7	8.175
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/03/80	16	0.053	0.123	0.851	0.001	0.047	0.216	0.011	0.02	0.1	0.534
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	16	5900.	25297.5	240000.	430. 3464843580.	58862.922	780.	2300.	19575.	102100.	
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	16	3.754	3.824	5.38	2.633	0.479	0.692	2.868	3.362	4.263	4.857
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6675.067								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station GREE0007

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/03/80	33	5	6.273	16	0	19.689	4.437	0.4	2.5	9.75	12.5
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/03/80	32	11.45	11.584	15	7.2	4.389	2.095	8.69	10.125	12.95	14.94
00400	PH (STANDARD UNITS)	12/18/73-12/03/80	32	7.09	7.022	8.25	4.8	0.48	0.693	6.13	6.8	7.378	7.9
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/03/80	32	7.09	6.168	8.25	4.8	1.232	1.11	6.13	6.8	7.378	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/03/80	32	0.081	0.679	15.849	0.006	7.764	2.786	0.013	0.042	0.158	0.745
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	32	3300.	21418.313	460000.	43. 6668277553.77	81659.522	234.	930.	9300.	15000.	
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	32	3.498	3.438	5.663	1.633	0.687	0.829	2.313	2.968	3.968	4.176
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2738.687								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GREE0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/03/80	10	21	19.5	29	10	28.889	5.375	10.3	15.25	21.875	28.4
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/03/80	10	8.7	9.27	13.8	7.6	3.46	1.86	7.62	7.875	10.2	13.47
00400	PH (STANDARD UNITS)	12/18/73-12/03/80	8	6.95	7.146	8.1	6.5	0.428	0.654	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/03/80	8	6.925	6.838	8.1	6.5	0.537	0.733	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/03/80	8	0.119	0.145	0.316	0.008	0.018	0.134	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	10	9300.	39269.	240000.	430. 5743795676.667	75787.833	430.	805.	40500.	225300.	
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	10	3.968	3.86	5.38	2.633	0.858	0.926	2.633	2.885	4.513	5.339
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7236.786								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GREE0008

NPS Station ID: GREE0008

Location: STILL CREEK AT GOODLUCK ROAD AND KENILWORTH AVE.

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 02070010

Major Basin: NORTH ATLANTIC

Minor Basin: POTOMAC RIVER

RF1 Index: 02070010

RF3 Index: 02070010059601.50

Description:

LAT/LON: 38.972226/ -76.915005

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 4.50

Agency: 11NPSWRD

FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S

STORET Station ID(s): GREE_NPS_6

Within Park Boundary: Yes

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.21

Date Created: 07/11/98

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: GREE0008

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/81-04/30/84	82	13.25	12.855	25.	-3.	56.533	7.519	3.65	8.5	20.	22.
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/81-04/30/84	81	220.	244.321	1600.	50.	29714.846	172.38	160.	180.	250.	326.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/12/81-04/30/84	66	10.7	10.638	15.	7.6	3.784	1.945	8.4	8.9	11.825	13.46
00403 PH, LAB, STANDARD UNITS SU	06/15/81-04/30/84	68	6.8	6.851	7.9	6.2	0.096	0.31	6.5	6.6	7.	7.21
00403 CONVERTED PH, LAB, STANDARD UNITS	06/15/81-04/30/84	68	6.8	6.761	7.9	6.2	0.105	0.323	6.5	6.6	7.	7.21
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/15/81-04/30/84	68	0.158	0.173	0.631	0.013	0.011	0.107	0.062	0.1	0.251	0.316
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/12/81-04/30/84	72	6.5	75.283	2210.	0.	99261.542	315.058	0.59	2.	17.75	76.8
31613 FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	06/15/81-03/05/84	43	280.	619.721	5000.	0.	1136544.254	1066.088	11.	100.	600.	1820.
31613 LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	06/15/81-03/05/84	43	2.447	2.303	3.699	0.	0.631	0.795	0.94	2.	2.778	3.259
31613 GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			200.946								
82079 TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/26/81-03/19/84	25	23.	64.076	700.	4.9	19222.174	138.644	8.7	14.	44.	146.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GREE0008

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	66	0	0.00	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
						21	0	0.00	27	0	0.00	18	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GREE0008

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
00403	PH, LAB					Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
	Fresh Chronic	9.	68	0	0.00	21	0	0.00	28	0	0.00	19	0	0.00			
	Other-Lo Lim.	6.5	68	9	0.13	21	2	0.10	28	4	0.14	19	3	0.16			
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR																
	Other-Hi Lim.	200.	43	28	0.65	17	12	0.71	20	11	0.55	6	5	0.83			
82079	TURBIDITY, LAB																
	Other-Hi Lim.	50.	25	5	0.20	7	0	0.00	14	4	0.29	4	1	0.25			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1981 - Station GREE0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/81-04/30/84	23	18.5	18.174	25.	4.	28.127	5.304	10.3	15.	22.	24.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/81-04/30/84	22	195.	191.364	250.	50.	2212.338	47.035	139.	160.	232.5	250.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/12/81-04/30/84	10	8.4	8.48	9.8	7.6	0.491	0.7	7.6	7.9	8.8	9.76
00403	PH, LAB, STANDARD UNITS SU	06/15/81-04/30/84	9	6.7	6.756	7.2	6.4	0.088	0.296	6.4	6.5	7.05	7.2
00403	CONVERTED PH, LAB, STANDARD UNITS	06/15/81-04/30/84	9	6.7	6.677	7.2	6.4	0.095	0.308	6.4	6.5	7.05	7.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/15/81-04/30/84	9	0.2	0.21	0.398	0.063	0.014	0.119	0.063	0.094	0.316	0.398
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/12/81-04/30/84	16	8.5	115.263	1480.	0.2	133686.196	365.631	2.16	4.	38.75	542.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GREE0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/81-04/30/84	24	12.75	12.9	23.	1.5	44.975	6.706	3.	7.75	19.625	21.75
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/81-04/30/84	24	240.	266.25	510.	160.	9850.543	99.25	170.	212.5	260.	485.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/12/81-04/30/84	25	10.9	10.616	14.7	8.2	2.641	1.625	8.72	9.25	11.5	13.06
00403	PH, LAB, STANDARD UNITS SU	06/15/81-04/30/84	26	6.9	6.904	7.9	6.2	0.146	0.382	6.47	6.6	7.025	7.53
00403	CONVERTED PH, LAB, STANDARD UNITS	06/15/81-04/30/84	26	6.9	6.769	7.9	6.2	0.165	0.406	6.47	6.6	7.025	7.53
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/15/81-04/30/84	26	0.126	0.17	0.631	0.013	0.018	0.135	0.03	0.095	0.251	0.341
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/12/81-04/30/84	24	3.	10.654	130.	0.	685.436	26.181	0.1	1.	9.5	20.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GREE0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/81-04/30/84	26	11.	11.462	22.	-3.	48.778	6.984	3.2	7.125	18.	20.45
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/81-04/30/84	26	210.	222.692	450.	100.	6300.462	79.375	121.	177.5	252.5	340.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/12/81-04/30/84	22	10.7	10.609	13.9	8.2	2.61	1.616	8.52	9.	11.925	12.96
00403	PH, LAB, STANDARD UNITS SU	06/15/81-04/30/84	24	6.9	6.875	7.6	6.5	0.073	0.271	6.55	6.625	7.	7.25
00403	CONVERTED PH, LAB, STANDARD UNITS	06/15/81-04/30/84	24	6.9	6.805	7.6	6.5	0.078	0.28	6.55	6.625	7.	7.25
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/15/81-04/30/84	24	0.126	0.157	0.316	0.025	0.007	0.083	0.057	0.1	0.238	0.284
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/12/81-04/30/84	23	8.	142.1	2210.	0.5	216103.93	464.87	0.88	3.	23.	407.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GREE0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/81-04/30/84	9	8.5	3.167	10.	-2.5	20.063	4.479	2.5	3.5	-2.25	10.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/81-04/30/84	9	240.	377.778	1600.	170.	212619.444	461.107	170.	180.	295.	1600.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/12/81-04/30/84	9	13.2	13.167	15.	10.8	2.4	1.549	10.8	11.9	14.9	15.
00403	PH, LAB, STANDARD UNITS SU	06/15/81-04/30/84	9	6.7	6.733	7.	6.6	0.015	0.122	6.6	6.65	6.8	7.
00403	CONVERTED PH, LAB, STANDARD UNITS	06/15/81-04/30/84	9	6.7	6.719	7.	6.6	0.015	0.123	6.6	6.65	6.8	7.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/15/81-04/30/84	9	0.2	0.191	0.251	0.1	0.002	0.047	0.1	0.158	0.225	0.251
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/12/81-04/30/84	9	2.	5.8	18.	0.2	33.91	5.823	0.2	2.	9.5	18.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GREE0009

NPS Station ID: GREE0009

Location: DEEP CREEK .5 MILE NORTHWEST OF WIRT JUNIOR HIGH

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 02070010

Major Basin: NORTH ATLANTIC

Minor Basin: POTOMAC RIVER

RF1 Index: 02070010

RF3 Index: 02070010059601.50

Description:

THE STATION IS LOCATED ON THE WASHINGTON EAST D.C.-MD. 7.5 MINUTE CREEK APPROXIMATELY 1/2 MILE NORTHWEST OF WIRT JUNIOR HIGH SCHOOL. 15 APRIL; AND 29 APRIL 1983. THE RESULTS WERE OBTAINED FROM STEPHEN DRIVE SE; WASHINGTON D.C. 20020. FOR MORE INFORMATION CONTACT CHIEF OF 20242. TEL (202) 619-7222. DATA WERE PROCESSED AND UPLOADED TO STORET FORT COLLINS COLORADO 80525. TEL (970) 225-3516.

LAT/LON: 38.972281/ -76.914892

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 4.50

SERIES (TOPOGRAPHIC-BATHYMETRIC) QUADRANGLE. THE SITE IS AT DEEP FLOW AND SUSPENDED SOLIDS WERE MEASURED AT THIS SITE ON 1 APRIL; SYPHAX; NATIONAL CAPITAL PARKS-EAST RESOURCE MANAGEMENT; 1900 ANACOSTIA RESOURCES AT NATIONAL CAPITAL PARKS; 1100 OHIO DRIVE SW; WASHINGTON D.C. BY PAUL MCELVERY AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250;

Agency: 11NPSWRD

FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S

STORET Station ID(s): GREE_SS_F

Within Park Boundary: Yes

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.21

On/Off RF1:

On/Off RF3:

Date Created: 07/11/98

Parameter Inventory for Station: GREE0009

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061 FLOW, STREAM, INSTANTANEOUS CFS	04/01/83-04/29/83	11	5.	17.818	70.	3.	482.964	21.976	3.2	4.	25.	65.6
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/01/83-04/29/83	6	16.	180.5	987.	4.	156339.1	395.397	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

***** No EPA Water Quality Criteria exist to compare against the data at this station. *****

Station Inventory for Station: GREE0010

NPS Station ID: GREE0010	LAT/LON: 38.973615/ -76.919448	Agency: 21MDPGHD	Date Created: / /
Location: NE BR RIVERDALE US CALVERT RD		FIPS State/County: 24033 MARYLAND/PRINCE GEORGES	
Station Type: /TYPA/AMBNT/STREAM		STORET Station ID(s): A-13 /243009 /PO-A-13	
RMI-Indexes: 0214001 002640		Within Park Boundary: No	
RMI-Miles: 0109.10 0011.00			
HUC: 02070010	Depth of Water: 0	Aquifer:	
Major Basin: NORTH ATLANTIC	Elevation: 0	Water Body Id:	
Minor Basin: POTOMAC R		ECO Region:	
RF1 Index: 02070010030	RF1 Mile Point: 2.880	Distance from RF1: 9.90	On/Off RF1: OFF
RF3 Index: 02070010064201.23	RF3 Mile Point: 1.23	Distance from RF3: 0.00	On/Off RF3:
Description:			

Parameter Inventory for Station: GREE0010

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/03/80	59	11.	13.876	32.	0.	92.57	9.621	1.	5.	22.	29.
00300 OXYGEN, DISSOLVED MG/L	12/18/73-12/03/80	57	11.6	11.586	15.	4.9	5.815	2.411	8.28	9.95	13.8	15.
00400 PH (STANDARD UNITS)	12/18/73-12/03/80	55	7.25	7.558	9.7	5.1	1.031	1.015	6.46	6.9	8.11	9.34
00400 CONVERTED PH (STANDARD UNITS)	12/18/73-12/03/80	55	7.25	6.604	9.7	5.1	1.957	1.399	6.46	6.9	8.11	9.34
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/03/80	55	0.056	0.249	7.943	0.	1.153	1.074	0.	0.008	0.126	0.349
01000 ARSENIC, DISSOLVED (UG/L AS AS)	10/27/75-03/22/76	6	4.	5.333	14.	0.	23.067	4.803	**	**	**	**
30000 DIMETHOATE, SOIL, RECOVERABLE MG/KG	10/27/75-03/22/76	6	14.5	14.167	15.	12.	1.367	1.169	**	**	**	**
31501 COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/22/76-12/03/80	35	4300.	98733.429	2400000.	230.163349184205.546	404164.798	430.	930.	43000.	150000.	
31501 LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	03/22/76-12/03/80	35	3.633	3.832	6.38	2.362	0.942	0.97	2.633	2.968	4.633	5.176
31501 GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6787.744								
31505 COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/18/73-02/23/76	15	12000.	44776.	240000.	640. 4566339782.857	67574.698	2836.	7500.	43000.	186000.	
31505 LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/18/73-02/23/76	15	4.079	4.23	5.38	2.806	0.444	0.666	3.303	3.875	4.633	5.258
31505 GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	GEOMETRIC MEAN =			16977.188								
31515 INVALID PARM	12/31/74-09/22/75	9	7500.	282014.444	2400000.	430.631660384127.778	794770.649	430.	4300.	54000.	2400000.	
31615 FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	59	430.	63139.746	2400000.	4.116211240653.883	340897.698	43.	150.	3900.	23000.	
31615 LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	59	2.633	2.878	6.38	0.602	1.165	1.079	1.633	2.176	3.591	4.362
31615 GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			754.944								
40000 INVALID PARAMETER	10/27/75-02/23/76	4	7.15	7.175	8.5	5.9	1.129	1.063	**	**	**	**
50531 BENZENE, 1,2-PROPADIENYL- UG/L	10/27/75-03/22/76	6	15250.	19906.667	43000.	640. 382259466.667	19551.457	**	**	**	**	**
61500 MERCURY SLUDGE SOLID FRACTN,DRY WT,MG/KG	10/27/75-03/22/76	6	930.	1740.	4300.	150. 3467920.	1862.235	**	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GREE0010

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	57	0	0.00	17	0	0.00	30	0	0.00	10	0	0.00			
00400	PH	Fresh Chronic	9.	55	9	0.16	17	7	0.41	30	1	0.03	8	1	0.13			
		Other-Lo Lim.	6.5	55	7	0.13	17	1	0.06	30	5	0.17	8	1	0.13			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	6	0	0.00				6	0	0.00						
		Drinking Water	50.	6	0	0.00				6	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	35	26	0.74	11	10	0.91	18	11	0.61	6	5	0.83			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	15	14	0.93	3	3	1.00	10	9	0.90	2	2	1.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	59	42	0.71	17	13	0.76	32	20	0.63	10	9	0.90			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station GREE0010

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/03/80	1	1.	1.	1.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/03/80	1	11.8	11.8	11.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-12/03/80	1	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/03/80	1	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/03/80	1	0.2	0.2	0.2	0.	0.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	1	230.	230.	230.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	1	2.362	2.362	2.362	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =		230.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GREE0010

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/03/80	10	19	15.2	29	4.5	83.9	9.16	4.55	5	22.625	28.4
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/03/80	10	9.7	10.24	14	7.2	5.874	2.424	7.24	8.05	12.85	13.96
00400	PH (STANDARD UNITS)	12/18/73-12/03/80	10	7.1	7.09	8.2	5.1	0.885	0.941	5.23	6.475	7.875	8.19
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/03/80	10	7.089	6.046	8.2	5.1	2.097	1.448	5.23	6.475	7.875	8.19
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/03/80	10	0.082	0.9	7.943	0.006	6.143	2.479	0.006	0.014	0.337	7.189
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	10	1615.	10528.4	43000.	4	216563638.933	14716.101	26.6	350.	23000.	41000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	10	3.165	3.195	4.633	0.602	1.528	1.236	0.778	2.534	4.362	4.606
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1568.425								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GREE0010

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/03/80	11	10.5	14.182	29.	4.	75.164	8.67	4.4	6.5	20.	28.9
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/03/80	11	11.4	11.3	14.4	8.2	4.862	2.205	8.22	9.	12.8	14.36
00400	PH (STANDARD UNITS)	12/18/73-12/03/80	10	7.45	7.55	9.4	5.9	1.309	1.144	5.95	6.7	8.65	9.37
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/03/80	10	7.447	6.69	9.4	5.9	2.131	1.46	5.95	6.7	8.65	9.37
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/03/80	10	0.036	0.204	1.259	0.	0.152	0.39	0.	0.003	0.218	1.173
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	11	930.	220647.545	2400000.	93.522465608788.273	722817.825	116.4	230.	9300.	1921860.	
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	11	2.968	3.287	6.38	1.968	1.508	1.228	2.039	2.362	3.968	5.898
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =		1936.754									

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GREE0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/03/80	12	14.	14.917	32.	0.	145.538	12.064	0.9	4.	28.	31.4
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/03/80	11	15.	13.427	15.	8.5	6.354	2.521	8.7	10.9	15.	15.
00400	PH (STANDARD UNITS)	12/18/73-12/03/80	9	7.3	7.734	9.4	7.1	0.7	0.837	7.1	7.13	8.425	9.4
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/03/80	9	7.3	7.371	9.4	7.1	0.849	0.921	7.1	7.13	8.425	9.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/03/80	9	0.05	0.043	0.079	0.	0.001	0.033	0.	0.005	0.074	0.079
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	12	680.	5789.083	43000.	93.	155527619.72	12471.071	93.	107.25	4300.	34600.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	12	2.801	2.909	4.633	1.968	0.858	0.926	1.968	2.02	3.633	4.496
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			810.426								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GREE0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/03/80	11	10.	13.745	24.	0.	88.953	9.431	0.2	7.2	24.	24.
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/03/80	10	11.75	12.09	15.	9.1	4.012	2.003	9.21	10.425	14.25	15.
00400	PH (STANDARD UNITS)	12/18/73-12/03/80	11	7.7	7.96	9.7	6.4	1.251	1.118	6.5	6.98	9.04	9.62
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/03/80	11	7.7	7.159	9.7	6.4	1.957	1.399	6.5	6.98	9.04	9.62
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/03/80	11	0.02	0.069	0.398	0.	0.014	0.118	0.	0.001	0.105	0.344
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	11	230.	101535.545	1100000.	15.10966861	3702.473	331162.519	20.6	93.	4300.	881500.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	11	2.362	2.859	6.041	1.176	1.843	1.358	1.268	1.968	3.633	5.608
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			723.231								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GREE0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/03/80	6	11.75	11.25	22.	1.	62.575	7.91	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/03/80	6	10.55	11.033	13.	9.9	1.659	1.288	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-12/03/80	6	7.05	6.983	7.2	6.5	0.07	0.264	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/03/80	6	7.047	6.904	7.2	6.5	0.077	0.278	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/03/80	6	0.09	0.125	0.316	0.063	0.009	0.097	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	6	430.	634.333	2300.	93.	694885.067	833.598	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	6	2.633	2.538	3.362	1.968	0.272	0.522	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			345.195								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GREE0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/03/80	8	12.5	14.	30.	1.	117.143	10.823	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/03/80	8	11.4	10.888	13.8	4.9	7.367	2.714	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-12/03/80	8	7.69	7.937	9.62	6.52	1.334	1.155	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/03/80	8	7.512	7.156	9.62	6.52	2.032	1.426	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/03/80	8	0.031	0.07	0.302	0.	0.011	0.105	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	8	261.5	305.25	930.	43.	98339.357	313.591	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	8	2.301	2.217	2.968	1.633	0.31	0.557	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			164.901								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station GREE0010

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/03/80	17	24.	23.735	30.	10.	32.629	5.712	15.6	19.5	29.	30.
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/03/80	17	10.	10.153	15.	4.9	5.815	2.411	7.54	8.75	11.3	15.
00400	PH (STANDARD UNITS)	12/18/73-12/03/80	17	8.2	8.261	9.7	6.4	1.195	1.093	6.776	7.2	9.35	9.636
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/03/80	17	8.2	7.319	9.7	6.4	2.138	1.462	6.776	7.2	9.35	9.636
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/03/80	17	0.006	0.048	0.398	0.	0.01	0.098	0.	0.	0.063	0.188
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	17	430.	145447.	2400000.	93.337654240224.625	581080.236	93.	190.	6800.	514400.	
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	17	2.633	3.039	6.38	1.968	1.369	1.17	1.968	2.269	3.801	4.983
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1094.241								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station GREE0010

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/03/80	32	5.5	6.538	19.	0.	22.555	4.749	1.	3.25	10.	13.5
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/03/80	30	12.45	12.487	15.	9.1	2.969	1.723	10.	11.275	14.	15.
00400	PH (STANDARD UNITS)	12/18/73-12/03/80	30	7.13	7.181	9.04	5.1	0.614	0.784	6.41	6.775	7.7	8.424
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/03/80	30	7.129	6.395	9.04	5.1	1.253	1.119	6.41	6.775	7.7	8.424
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/03/80	30	0.074	0.403	7.943	0.001	2.084	1.444	0.004	0.02	0.169	0.39
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	32	410.	1194.781	7500.	4.	3175611.66	1782.025	43.	93.	1957.5	4180.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	32	2.612	2.543	3.875	0.602	0.621	0.788	1.633	1.968	3.263	3.621
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			348.902								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GREE0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/03/80	10	20.5	20.6	32.	10.5	35.544	5.962	10.85	17.	24.25	31.3
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/03/80	10	11.25	11.32	15.	7.2	9.613	3.1	7.24	8.05	15.	15.
00400	PH (STANDARD UNITS)	12/18/73-12/03/80	8	7.3	7.476	9.4	6.4	0.858	0.926	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/03/80	8	7.289	7.004	9.4	6.4	1.113	1.055	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/03/80	8	0.051	0.099	0.398	0.	0.017	0.13	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	10	12150.	121441.3	1100000.	43.118415445810.233	344115.454	59.7	375.	28000.	994300.	
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/03/80	10	4.072	3.677	6.041	1.633	1.774	1.332	1.702	2.556	4.43	5.901
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4748.447								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GREE0011

NPS Station ID: GREE0011

Location: DEEP CREEK 1/2 MILE NORTH OF WIRT JUNIOR HIGH

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 02070010

Major Basin: NORTH ATLANTIC

Minor Basin: POTOMAC RIVER

RF1 Index: 02070010

RF3 Index: 02070010059601.50

Description:

THE STATION IS LOCATED ON THE WASHINGTON EAST D.C.-MD. 7.5 MINUTE CREEK APPROXIMATELY 1/2 MILE NORTH OF WIRT JUNIOR HIGH SCHOOL. 15 APRIL; AND 29 APRIL 1983. THE RESULTS WERE OBTAINED FROM STEPHEN DRIVE SE; WASHINGTON D.C. 20020. FOR MORE INFORMATION CONTACT CHIEF OF 20242. TEL (202) 619-7222. DATA WERE PROCESSED AND UPLOADED TO STORET FORT COLLINS COLORADO 80525. TEL (970) 225-3516.

LAT/LON: 38.975115/ -76.912171

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 4.50

SERIES (TOPOGRAPHIC-BATHYMETRIC) QUADRANGLE. THE SITE IS AT DEEP FLOW AND SUSPENDED SOLIDS WERE MEASURED AT THIS SITE ON 1 APRIL; SYPHAX; NATIONAL CAPITAL PARKS-EAST RESOURCE MANAGEMENT; 1900 ANACOSTIA RESOURCES AT NATIONAL CAPITAL PARKS; 1100 OHIO DRIVE SW; WASHINGTON D.C. BY PAUL MCELVERY AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250;

Agency: 11NPSWRD

FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S

STORET Station ID(s): GREE_SS_E

Within Park Boundary: Yes

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.21

On/Off RF1:

On/Off RF3:

Date Created: 07/11/98

Parameter Inventory for Station: GREE0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/01/83-04/29/83	12	0.5	0.817	4.	0.3	1.043	1.021	0.3	0.4	0.7	3.1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/01/83-04/29/83	6	4.	39.75	190.	0.5	5619.975	74.966	**	**	**	**
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot													
***** No EPA Water Quality Criteria exist to compare against the data at this station. *****													

Station Inventory for Station: GREE0012

NPS Station ID: GREE0012

Location: STILL RUN 1/2 MILE NORTH OF LAMONT SCHOOL

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 02070010

Major Basin: NORTH ATLANTIC

Minor Basin: POTOMAC RIVER

RF1 Index: 02070010

RF3 Index: 02070010059601.50

Description:

THE STATION IS LOCATED ON THE WASHINGTON EAST D.C.-MD. 7.5 MINUTE SERIES (TOPOGRAPHIC-BATHYMETRIC) QUADRANGLE. THE SITE IS AT STILL RUN APPROXIMATELY 1/2 MILE NORTH OF LAMONT SCHOOL. FLOW AND SUSPENDED SOLIDS WERE MEASURED AT THIS SITE ON 1 APRIL, 15 APRIL, AND 29 APRIL 1983. THE RESULTS WERE OBTAINED FROM STEPHEN SYPHAX; NATIONAL CAPITAL PARKS-EAST RESOURCE MANAGEMENT; 1900 ANACOSTIA DRIVE SE; WASHINGTON D.C. 20020. FOR MORE INFORMATION CONTACT CHIEF OF RESOURCES AT NATIONAL CAPITAL PARKS; 1100 OHIO DRIVE SW; WASHINGTON D.C. 20242. TEL (202) 619-7222. DATA WERE PROCESSED AND UPLOADED TO STORET BY PAUL MCELVERY AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS COLORADO 80525. TEL (970) 225-3516.

LAT/LON: 38.979698/ -76.885476

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 4.50

Agency: 11NPSWRD

FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S

STORET Station ID(s): GREE_SS_D

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.21

Date Created: 07/11/98

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: GREE0012

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061 FLOW, STREAM, INSTANTANEOUS CFS	04/01/83-04/29/83	7	0.8	5.057	25.	0.1	85.273	9.234	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/01/83-04/29/83	6	49.	69.917	212.	0.5	6251.442	79.066	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

***** No EPA Water Quality Criteria exist to compare against the data at this station. *****

Station Inventory for Station: GREE0013

NPS Station ID: GREE0013		LAT/LON: 38.980309/ -76.885809		Agency: 11NPSWRD		Date Created: 07/11/98	
Location: STILL CREEK ON WEST SIDE OF NASHVILLE ROAD				FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S			
Station Type: /TYPA/AMBNT/STREAM				STORET Station ID(s): GREE_NPS_4			
RMI-Indexes:				Within Park Boundary: Yes			
RMI-Miles:							
HUC: 02070010		Depth of Water: 0		Aquifer:			
Major Basin: NORTH ATLANTIC		Elevation: 0		Water Body Id:			
Minor Basin: POTOMAC RIVER				ECO Region:			
RF1 Index: 02070010		RF1 Mile Point: 0.000		Distance from RF1: 0.00		On/Off RF1:	
RF3 Index: 02070010059601.50		RF3 Mile Point: 4.50		Distance from RF3: 0.21		On/Off RF3:	
Description:							
THE STATION IS LOCATED ON THE WASHINGTON EAST D.C.-MD. 7.5 MINUTE ON THE WEST SIDE OF NASHVILLE ROAD AND IS WITHIN THE GREENBELT THROUGH 30 APRIL 1984 IN AN EFFORT TO DOCUMENT THE EFFECT OF TURBIDITY; SUSPENDED SOLIDS; PH; DISSOLVED OXYGEN; FECAL SYPHAX; NATIONAL CAPITAL PARKS-EAST RESOURCE MANAGEMENT; 1900 ANACOSTIA DRIVE SE; WASHINGTON D.C. 20020. FOR MORE INFORMATION CONTACT CHIEF OF RESOURCES AT NATIONAL CAPITAL PARKS; 1100 OHIO DRIVE SW; WASHINGTON D.C. 20242. TEL (202) 619-7222. DATA WERE PROCESSED AND UPLOADED TO STORET BY PAUL MCELVERY AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS COLORADO 80525. TEL (970) 225-3516.				SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT STILL CREEK PARK BOUNDARIES. SAMPLING FOR THIS SITE WAS DONE FROM 12 JUNE 1981 DEVELOPMENT ON THE AREA. SAMPLES WERE ANALYZED FOR TEMPERATURE; COLIFORM; AND CONDUCTIVITY. THE RESULTS WERE OBTAINED FROM STEPHEN			

Parameter Inventory for Station: GREE0013

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/13/81-04/30/84	80	15.5	14.956	28.	-2.	59.09	7.687	6.	10.	21.75	24.95
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/81-04/30/84	80	260.	320.375	4200.	50.	203973.275	451.634	140.	200.	347.5	409.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/15/81-04/30/84	53	10.6	10.385	15.	6.	4.176	2.044	7.62	8.75	11.8	13.3
00403 PH, LAB, STANDARD UNITS SU	06/12/81-04/30/84	69	6.8	6.823	7.7	6.3	0.083	0.288	6.4	6.6	7.	7.2
00403 CONVERTED PH, LAB, STANDARD UNITS	06/12/81-04/30/84	69	6.8	6.738	7.7	6.3	0.09	0.3	6.4	6.6	7.	7.2
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/12/81-04/30/84	69	0.158	0.183	0.501	0.02	0.013	0.113	0.063	0.1	0.251	0.398
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/22/81-04/30/84	71	5.	18.527	348.	0.5	2414.071	49.133	2.2	3.	12.	24.
31613 FECAL COLIFORM, MEMBR FILTER, M-FC AGAR, 44.5C, 24HR	06/15/81-03/05/84	33	210.	1039.242	6000.	2.	2048407.314	1431.226	42.	110.	1700.	3320.
31613 LOG FECAL COLIFORM, MEMBR FILTER, M-FC AGAR, 44.5C, 24H	06/15/81-03/05/84	33	2.322	2.531	3.778	0.301	0.591	0.769	1.598	2.041	3.23	3.521
31613 GM FECAL COLIFORM, MEMBR FILTER, M-FC AGAR, 44.5C, 24H	GEOMETRIC MEAN =			339.88								
82079 TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU		24	26.25	33.775	95.	5.6	483.08	21.979	15.5	20.5	39.	75.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GREE0013

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	53	0	0.00	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
						11	0	0.00	26	0	0.00	16	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GREE0013

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403 PH, LAB	Fresh Chronic	9.	69	0	0.00	21	0	0.00	28	0	0.00	20	0	0.00			
	Other-Lo Lim.	6.5	69	11	0.16	21	4	0.19	28	4	0.14	20	3	0.15			
31613 FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	33	19	0.58	6	6	1.00	20	9	0.45	7	4	0.57			
82079 TURBIDITY, LAB	Other-Hi Lim.	50.	24	4	0.17	7	0	0.00	13	3	0.23	4	1	0.25			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1981 - Station GREE0013

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/13/81-04/30/84	21	19.5	18.857	25.	10.	18.379	4.287	11.1	16.	22.5	24.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/81-04/30/84	21	260.	255.238	410.	50.	8186.19	90.478	144.	180.	315.	396.
00403	PH, LAB, STANDARD UNITS SU	06/12/81-04/30/84	10	6.6	6.62	6.9	6.3	0.06	0.244	6.3	6.375	6.9	6.9
00403	CONVERTED PH, LAB, STANDARD UNITS	06/12/81-04/30/84	10	6.6	6.56	6.9	6.3	0.064	0.252	6.3	6.375	6.9	6.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/12/81-04/30/84	10	0.251	0.276	0.501	0.126	0.022	0.149	0.126	0.126	0.424	0.501

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GREE0013

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/13/81-04/30/84	24	14.5	15.938	26.	2.	49.811	7.058	6.25	11.125	24.	25.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/81-04/30/84	24	350.	354.167	540.	180.	9329.71	96.59	225.	285.	400.	510.
00403	PH, LAB, STANDARD UNITS SU	06/12/81-04/30/84	26	6.85	6.858	7.7	6.4	0.118	0.343	6.4	6.6	7.	7.39
00403	CONVERTED PH, LAB, STANDARD UNITS	06/12/81-04/30/84	26	6.847	6.748	7.7	6.4	0.13	0.361	6.4	6.6	7.	7.39
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/12/81-04/30/84	26	0.142	0.179	0.398	0.02	0.014	0.119	0.043	0.1	0.251	0.398

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GREE0013

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/13/81-04/30/84	26	13.	14.462	28.	-2.	67.158	8.195	5.7	8.75	21.5	26.3
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/81-04/30/84	26	215.	226.154	470.	50.	7904.615	88.908	114.	170.	280.	352.
00403	PH, LAB, STANDARD UNITS SU	06/12/81-04/30/84	24	6.85	6.871	7.3	6.4	0.061	0.248	6.55	6.7	7.	7.25
00403	CONVERTED PH, LAB, STANDARD UNITS	06/12/81-04/30/84	24	6.847	6.805	7.3	6.4	0.066	0.256	6.55	6.7	7.	7.25
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/12/81-04/30/84	24	0.142	0.157	0.398	0.05	0.008	0.089	0.057	0.1	0.2	0.284

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GREE0013

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/13/81-04/30/84	9	9.	4.667	10.5	-1.5	21.75	4.664	0.5	4.25	4.25	10.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/81-04/30/84	9	200.	654.444	4200.	120.	1773277.778	1331.645	120.	160.	315.	4200.
00403	PH, LAB, STANDARD UNITS SU	06/12/81-04/30/84	9	6.8	6.822	7.1	6.6	0.029	0.172	6.6	6.7	7.	7.1
00403	CONVERTED PH, LAB, STANDARD UNITS	06/12/81-04/30/84	9	6.8	6.794	7.1	6.6	0.03	0.174	6.6	6.7	7.	7.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/12/81-04/30/84	9	0.158	0.161	0.251	0.079	0.003	0.058	0.079	0.1	0.2	0.251

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GREE0014

NPS Station ID: GREE0014

Location: STILL RUN 3/4 MILE NORTHWEST OF LAMONT SCHOOL

Station Type: /TYP/A/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 02070010

Major Basin: NORTH ATLANTIC

Minor Basin: POTOMAC RIVER

RF1 Index: 02070010

RF3 Index: 02070010059601.50

Description:

THE STATION IS LOCATED ON THE WASHINGTON EAST D.C.-MD. 7.5 MINUTE SERIES (TOPOGRAPHIC-BATHYMETRIC) QUADRANGLE. THE SITE IS AT STILL RUN APPROXIMATELY 3/4 MILE NORTHWEST OF LAMONT SCHOOL. FLOW AND SUSPENDED SOLIDS WERE MEASURED AT THIS SITE ON 1 APRIL, 15 APRIL, AND 29 APRIL 1983. THE RESULTS WERE OBTAINED FROM STEPHEN SYPHAX; NATIONAL CAPITAL PARKS-EAST RESOURCE MANAGEMENT; 1900 ANACOSTIA DRIVE SE; WASHINGTON D.C. 20020. FOR MORE INFORMATION CONTACT CHIEF OF RESOURCES AT NATIONAL CAPITAL PARKS; 1100 OHIO DRIVE SW; WASHINGTON D.C. 20242. TEL (202) 619-7222. DATA WERE PROCESSED AND UPLOADED TO STORET BY PAUL MCELVERY AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS COLORADO 80525. TEL (970) 225-3516.

LAT/LON: 38.982531/ -76.895755

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 4.50

Agency: 11NPSWRD

FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S

STORET Station ID(s): GREE_SS_G

Within Park Boundary: Yes

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.21

Date Created: 07/11/98

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: GREE0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061 FLOW, STREAM, INSTANTANEOUS CFS	04/01/83-04/29/83	8	3.5	8.75	30.	2.	109.357	10.457	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/01/83-04/29/83	8	29.	217.063	920.	0.5	132574.46	364.108	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

***** No EPA Water Quality Criteria exist to compare against the data at this station. *****

Station Inventory for Station: GREE0015

NPS Station ID: GREE0015

Location: STILL CREEK AT WEST SIDE OF PARK CENTRAL ROAD

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 02070010

Major Basin: NORTH ATLANTIC

Minor Basin: POTOMAC RIVER

RF1 Index: 02070010

RF3 Index: 02070010059601.50

Description:

THE STATION IS LOCATED ON THE WASHINGTON EAST D.C.-MD. 7.5 MINUTE THE WEST SIDE OF PARK CENTRAL ROAD AND IS WITHIN GREENBELT THROUGH 30 APRIL 1984 IN AN EFFORT TO DOCUMENT THE EFFECT OF TURBIDITY; SUSPENDED SOLIDS; PH; DISSOLVED OXYGEN; FECAL SYPHAX; NATIONAL CAPITAL PARKS-EAST RESOURCE MANAGEMENT; 1900 ANACOSTIA DRIVE SE; WASHINGTON D.C. 20020. FOR MORE INFORMATION CONTACT CHIEF OF RESOURCES AT NATIONAL CAPITAL PARKS; 1100 OHIO DRIVE SW; WASHINGTON D.C. 20242. TEL (202) 619-7222. DATA WERE PROCESSED AND UPLOADED TO STORET BY PAUL MCELVERY AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS COLORADO 80525. TEL (970) 225-3516.

LAT/LON: 38.982559/ -76.896392

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 4.50

Agency: 11NPSWRD

FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S

STORET Station ID(s): GREE_NPS_7

Within Park Boundary: Yes

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.21

Date Created: 07/11/98

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: GREE0015

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/81-04/30/84	82	12.	11.728	23.	-3.	48.839	6.988	3.15	7.375	18.	20.
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/81-04/30/84	81	220.	259.877	2100.	50.	50581.235	224.903	160.	190.	265.	360.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/12/81-04/30/84	67	10.7	10.821	15.	8.	3.469	1.863	8.6	9.3	12.2	13.58
00403 PH, LAB, STANDARD UNITS SU	06/15/81-04/30/84	68	6.85	6.865	8.	6.1	0.08	0.283	6.5	6.7	7.	7.2
00403 CONVERTED PH, LAB, STANDARD UNITS	06/15/81-04/30/84	68	6.847	6.781	8.	6.1	0.087	0.296	6.5	6.7	7.	7.2
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/15/81-04/30/84	68	0.142	0.166	0.794	0.01	0.013	0.116	0.063	0.1	0.2	0.316
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/22/81-04/30/84	71	7.	39.613	1254.	0.	24015.79	154.97	1.2	3.	18.	59.8
31613 FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	06/15/81-03/05/84	49	380.	589.082	5500.	0.	879506.868	937.82	5.	45.	650.	1400.
31613 LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	06/15/81-03/05/84	49	2.58	2.193	3.74	0.	0.907	0.952	0.699	1.651	2.812	3.146
31613 GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			156.114								
82079 TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/26/81-03/19/84	25	25.	36.984	110.	5.4	990.905	31.479	7.04	14.75	48.	95.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GREE0015

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	67	0	0.00	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
						21	0	0.00	27	0	0.00	19	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GREE0015

Parameter	Std. Type	Std. Value	Total	Exceed	Prop.	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
			Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403 PH, LAB	Fresh Chronic	9.	68	0	0.00	21	0	0.00	28	0	0.00	19	0	0.00			
	Other-Lo Lim.	6.5	68	7	0.10	21	2	0.10	28	2	0.07	19	3	0.16			
	Other-Hi Lim.	200.	49	28	0.57	18	17	0.94	22	5	0.23	9	6	0.67			
82079 TURBIDITY, LAB	Other-Hi Lim.	50.	25	6	0.24	7	1	0.14	14	5	0.36	4	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1981 - Station GREE0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/81-04/30/84	23	18.	16.652	23.	4.	23.214	4.818	9.5	12.5	20.5	22.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/81-04/30/84	22	200.	209.091	400.	50.	5113.42	71.508	139.	170.	222.5	333.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/12/81-04/30/84	10	8.65	8.66	9.2	8.	0.178	0.422	8.01	8.325	9.125	9.2
00403	PH, LAB, STANDARD UNITS SU	06/15/81-04/30/84	9	6.6	6.744	7.2	6.5	0.068	0.26	6.5	6.55	7.	7.2
00403	CONVERTED PH, LAB, STANDARD UNITS	06/15/81-04/30/84	9	6.6	6.686	7.2	6.5	0.072	0.268	6.5	6.55	7.	7.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/15/81-04/30/84	9	0.251	0.206	0.316	0.063	0.009	0.096	0.063	0.103	0.284	0.316

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GREE0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/81-04/30/84	24	12.	11.654	22.	0.5	39.462	6.282	1.75	6.625	17.	19.25
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/81-04/30/84	24	240.	280.833	560.	140.	12181.884	110.372	195.	210.	325.	515.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/12/81-04/30/84	25	10.7	10.888	14.5	8.3	2.367	1.538	9.1	9.75	12.	13.14
00403	PH, LAB, STANDARD UNITS SU	06/15/81-04/30/84	26	6.9	6.954	8.	6.1	0.126	0.355	6.57	6.775	7.1	7.43
00403	CONVERTED PH, LAB, STANDARD UNITS	06/15/81-04/30/84	26	6.9	6.821	8.	6.1	0.144	0.38	6.57	6.775	7.1	7.43
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/15/81-04/30/84	26	0.126	0.151	0.794	0.01	0.022	0.149	0.037	0.079	0.169	0.271

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GREE0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/81-04/30/84	26	10.	10.654	20.	-3.	41.595	6.449	2.7	6.	16.5	19.3
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/81-04/30/84	26	205.	211.154	350.	50.	4530.615	67.31	127.	180.	252.5	326.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/12/81-04/30/84	23	10.8	10.691	13.9	8.6	2.211	1.487	8.92	9.3	12.	12.84
00403	PH, LAB, STANDARD UNITS SU	06/15/81-04/30/84	24	6.85	6.846	7.2	6.3	0.046	0.215	6.55	6.725	7.	7.15
00403	CONVERTED PH, LAB, STANDARD UNITS	06/15/81-04/30/84	24	6.847	6.791	7.2	6.3	0.049	0.222	6.55	6.725	7.	7.15
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/15/81-04/30/84	24	0.142	0.162	0.501	0.063	0.009	0.095	0.071	0.1	0.189	0.284

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GREE0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/81-04/30/84	9	6.	2.444	10.	-3.	16.778	4.096	1.	3.	-2.25	10.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/81-04/30/84	9	280.	468.889	2100.	200.	377936.111	614.765	200.	205.	350.	2100.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/12/81-04/30/84	9	13.2	13.367	15.	10.8	2.05	1.432	10.8	12.3	14.8	15.
00403	PH, LAB, STANDARD UNITS SU	06/15/81-04/30/84	9	6.8	6.778	7.1	6.5	0.027	0.164	6.5	6.7	6.8	7.1
00403	CONVERTED PH, LAB, STANDARD UNITS	06/15/81-04/30/84	9	6.8	6.751	7.1	6.5	0.028	0.167	6.5	6.7	6.8	7.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/15/81-04/30/84	9	0.158	0.178	0.316	0.079	0.005	0.068	0.079	0.158	0.205	0.316

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GREE0016

NPS Station ID: GREE0016

Location: STILL RUN 3/4 MILE NORTH OF LAMONT SCHOOL

Station Type: /TYP/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 02070010

Major Basin: NORTH ATLANTIC

Minor Basin: POTOMAC RIVER

RF1 Index: 02070010

RF3 Index: 02070010059601.50

Description:

THE STATION IS LOCATED ON THE WASHINGTON EAST D.C.-MD. 7.5 MINUTE STILL RUN APPROXIMATELY 3/4 MILE NORTH OF LAMONT SCHOOL. FLOW AND SUSPENDED SOLIDS WERE MEASURED AT THIS SITE ON 1 APRIL; 15 APRIL; 29 APRIL 1983. THE RESULTS WERE OBTAINED FROM STEPHEN SYPHAX; NATIONAL CAPITAL PARKS-EAST RESOURCE MANAGEMENT; 1900 ANACOSTIA DRIVE SE; WASHINGTON D.C. 20020. FOR MORE INFORMATION CONTACT CHIEF OF RESOURCES AT NATIONAL CAPITAL PARKS; 1100 OHIO DRIVE SW; WASHINGTON D.C. 20242. TEL (202) 619-7222. DATA WERE PROCESSED AND UPLOADED TO STORET BY PAUL MCELVERY AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS COLORADO 80525. TEL (970) 225-3516.

LAT/LON: 38.983809/ -76.883116

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 4.50

Agency: 11NPSWRD

FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S

STORET Station ID(s): GREE_SS_C

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.21

Date Created: 07/11/98

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: GREE0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/01/83-04/29/83	6	2.	7.033	35.	0.4	188.199	13.719	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/01/83-04/29/83	5	42.	73.2	235.	7.	8402.7	91.666	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

***** No EPA Water Quality Criteria exist to compare against the data at this station. *****

Station Inventory for Station: GREE0017

NPS Station ID: GREE0017

Location: STILL CREEK ON WEST SIDE OF KEPNER ROAD

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 02070010

Major Basin: NORTH ATLANTIC

Minor Basin: POTOMAC RIVER

RF1 Index: 02070010

RF3 Index: 02070010059601.50

Description:

THE STATION IS LOCATED ON THE WASHINGTON EAST D.C.-MD. 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT STILL CREEK ON THE WEST SIDE OF KEPNER ROAD AND IS WITHIN THE GREENBELT PARK BOUNDARIES. SAMPLING FOR THIS SITE WAS DONE FROM 12 JUNE 1981 THROUGH 30 APRIL 1984 IN AN EFFORT TO DOCUMENT THE EFFECT OF DEVELOPMENT ON THE AREA. SAMPLES WERE ANALYZED FOR TEMPERATURE; TURBIDITY; SUSPENDED SOLIDS; PH; DISSOLVED OXYGEN; FECAL COLIFORM; AND CONDUCTIVITY. THE RESULTS WERE OBTAINED FROM STEPHEN SYPHAX; NATIONAL CAPITAL PARKS-EAST RESOURCE MANAGEMENT; 1900 ANACOSTIA DRIVE SE; WASHINGTON D.C. 20020. FOR MORE INFORMATION CONTACT CHIEF OF RESOURCES AT NATIONAL CAPITAL PARKS; 1100 OHIO DRIVE SW; WASHINGTON D.C. 20242. TEL (202) 619-7222. DATA WERE PROCESSED AND UPLOADED TO STORET BY PAUL MCELVERY AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS COLORADO 80525. TEL (970) 225-3516.

LAT/LON: 38.983837/ -76.883088

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 4.50

Agency: 11NPSWRD

FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S

STORET Station ID(s): GREE_NPS_5

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.21

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: GREE0017

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/81-04/30/84	82	14.75	13.632	28.	-2.	63.35	7.959	4.	8.	21.	23.
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/81-04/30/84	81	280.	332.222	2800.	50.	92845.	304.705	180.	225.	355.	492.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/12/81-04/30/84	65	10.3	10.494	14.6	8.	3.31	1.819	8.4	8.8	12.	13.12
00403 PH, LAB, STANDARD UNITS SU	06/12/81-04/30/84	69	6.9	6.872	8.8	6.2	0.153	0.391	6.5	6.7	7.	7.3
00403 CONVERTED PH, LAB, STANDARD UNITS	06/12/81-04/30/84	69	6.9	6.748	8.8	6.2	0.168	0.41	6.5	6.7	7.	7.3
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/12/81-04/30/84	69	0.126	0.179	0.631	0.002	0.017	0.132	0.05	0.1	0.2	0.316
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/12/81-04/30/84	76	10.5	45.224	1306.	1.	26269.269	162.078	4.	6.	20.75	53.2
31613 FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	06/15/81-02/07/84	41	470.	694.561	4800.	0.	1020450.052	1010.173	6.	100.	830.	1660.
31613 LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	06/15/81-02/07/84	41	2.672	2.32	3.681	0.	0.816	0.903	0.759	2.	2.918	3.22
31613 GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			208.799								
82079 TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/26/81-03/19/84	25	58.	118.04	690.	18.5	29009.394	170.321	22.6	33.5	101.5	460.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GREE0017

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	65	0	0.00	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
						20	0	0.00	26	0	0.00	19	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GREE0017

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
00403	PH, LAB	Fresh Chronic	9.	69	0	0.00	21	0	0.00	28	0	0.00	20	0	0.00		
		Other-Lo Lim.	6.5	69	12	0.17	21	5	0.24	28	2	0.07	20	5	0.25		
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	41	24	0.59	11	11	1.00	22	7	0.32	8	6	0.75		
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	25	15	0.60	7	3	0.43	14	10	0.71	4	2	0.50		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1981 - Station GREE0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/81-04/30/84	23	20.	19.109	28.	4.5	34.158	5.844	9.9	15.	24.	25.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/81-04/30/84	22	290.	322.273	720.	50.	22256.494	149.186	183.	235.	370.	584.
00403	PH, LAB, STANDARD UNITS SU	06/12/81-04/30/84	10	6.55	6.64	7.2	6.2	0.105	0.324	6.21	6.375	6.925	7.18
00403	CONVERTED PH, LAB, STANDARD UNITS	06/12/81-04/30/84	10	6.547	6.543	7.2	6.2	0.115	0.339	6.21	6.375	6.925	7.18
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/12/81-04/30/84	10	0.284	0.286	0.631	0.063	0.034	0.185	0.067	0.119	0.424	0.618
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/12/81-04/30/84	19	10.	81.789	1306.	1.	88106.175	296.827	4.	6.	19.	70.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GREE0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/81-04/30/84	24	13.75	13.721	23.	1.	50.166	7.083	3.5	7.625	21.375	23.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/81-04/30/84	24	275.	309.167	560.	150.	11825.362	108.744	180.	242.5	410.	490.
00403	PH, LAB, STANDARD UNITS SU	06/12/81-04/30/84	26	6.9	6.969	8.8	6.3	0.237	0.486	6.47	6.675	7.	7.53
00403	CONVERTED PH, LAB, STANDARD UNITS	06/12/81-04/30/84	26	6.9	6.808	8.8	6.3	0.264	0.513	6.47	6.675	7.	7.53
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/12/81-04/30/84	26	0.126	0.155	0.501	0.002	0.014	0.119	0.03	0.1	0.212	0.341
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/12/81-04/30/84	24	10.	13.958	56.	3.	149.259	12.217	4.	5.25	19.5	31.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GREE0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/81-04/30/84	26	12.	12.442	23.	-2.	52.347	7.235	4.	7.375	20.125	21.65
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/81-04/30/84	26	260.	281.923	700.	50.	17824.154	133.507	141.	197.5	332.5	466.
00403	PH, LAB, STANDARD UNITS SU	06/12/81-04/30/84	24	6.9	6.9	7.7	6.2	0.11	0.331	6.5	6.7	7.075	7.45
00403	CONVERTED PH, LAB, STANDARD UNITS	06/12/81-04/30/84	24	6.9	6.791	7.7	6.2	0.122	0.349	6.5	6.7	7.075	7.45
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/12/81-04/30/84	24	0.126	0.162	0.631	0.02	0.016	0.126	0.038	0.085	0.2	0.316
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/12/81-04/30/84	24	9.	53.542	429.	3.	14075.737	118.641	3.5	6.	23.25	291.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GREE0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/81-04/30/84	9	7.	2.833	10.	-2.	17.625	4.198	2.	2.75	-2.	10.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/81-04/30/84	9	300.	563.333	2800.	200.	710150.	842.704	200.	215.	400.	2800.
00403	PH, LAB, STANDARD UNITS SU	06/12/81-04/30/84	9	6.8	6.778	7.	6.6	0.014	0.12	6.6	6.7	6.85	7.
00403	CONVERTED PH, LAB, STANDARD UNITS	06/12/81-04/30/84	9	6.8	6.764	7.	6.6	0.015	0.121	6.6	6.7	6.85	7.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/12/81-04/30/84	9	0.158	0.172	0.251	0.1	0.002	0.045	0.1	0.142	0.2	0.251
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/12/81-04/30/84	9	20.	29.222	81.	9.	534.944	23.129	9.	15.	41.5	81.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GREE0018

NPS Station ID: GREE0018
 Location: L PAINT BR COLL PK US RT 1
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes: 0214001 026400
 RMI-Miles: 0191.00 0013.03
 HUC: 02070010
 Major Basin: NORTH ATLANTIC
 Minor Basin: POTOMAC R
 RF1 Index: 02070010030
 RF3 Index: 02070010063900.00
 Description:

LAT/LON: 38.989170/ -76.935282

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 4.580
 RF3 Mile Point: 0.06

Agency: 21MDPGHD
 FIPS State/County: 24033 MARYLAND/PRINCE GEORGES
 STORET Station ID(s): A-9 /243006 /PO-A-9
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.05

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: GREE0018

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-08/06/80	57	10.	13.172	30.	0.	82.894	9.105	2.	4.25	22.	27.
00300 OXYGEN, DISSOLVED MG/L	12/18/73-08/06/80	55	11.2	11.233	15.	6.4	5.109	2.26	8.4	9.4	13.4	14.88
00400 PH (STANDARD UNITS)	12/18/73-08/06/80	54	7.2	7.385	9.3	5.	0.647	0.804	6.5	7.	7.9	8.35
00400 CONVERTED PH (STANDARD UNITS)	12/18/73-08/06/80	54	7.2	6.525	9.3	5.	1.399	1.183	6.5	7.	7.9	8.35
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-08/06/80	54	0.063	0.298	10.	0.001	1.867	1.367	0.005	0.013	0.1	0.316
01000 ARSENIC, DISSOLVED (UG/L AS AS)	10/27/75-03/22/76	6	3.5	5.333	14.	2.	19.867	4.457	**	**	**	**
30000 DIMETHOATE, SOIL, RECOVERABLE MG/KG	10/27/75-03/22/76	6	14.5	13.667	15.	11.	3.067	1.751	**	**	**	**
31501 COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/22/76-08/06/80	32	4300.	16359.063	240000.	150.	1828481228.125	42760.744	230.	930.	9300.	43000.
31501 LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,	03/22/76-08/06/80	32	3.633	3.555	5.38	2.176	0.632	0.795	2.362	2.968	3.968	4.633
31501 GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3589.544								
31505 COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/18/73-02/23/76	16	9300.	205149.375	2400000.	390.357429497006.25	597854.077	1587.	2800.	43000.	1042000.	
31505 LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	12/18/73-02/23/76	16	3.968	4.191	6.38	2.591	0.98	0.99	3.103	3.43	4.633	5.878
31505 GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			15509.39								
31515 INVALID PARM	12/31/74-09/22/75	9	4300.	10475.556	43000.	430.	196495252.778	14017.676	430.	1425.	16150.	43000.
31615 FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-08/06/80	57	430.	52710.386	2400000.	23.103876549755.313	322298.852	93.	230.	2300.	4300.	3.633
31615 LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-08/06/80	57	2.633	2.894	6.38	1.362	0.803	0.896	1.968	2.362	3.362	
31615 GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			783.636								
40000 INVALID PARAMETER	10/27/75-03/22/76	5	7.2	7.14	7.9	5.8	0.708	0.841	**	**	**	**
50531 BENZENE, 1,2-PROPADIENYL- UG/L	10/27/75-03/22/76	6	16650.	53171.667	240000.	430.	8670121616.667	93113.488	**	**	**	**
61500 MERCURY SLUDGE SOLID FRACTN,DRY WT,MG/KG	10/27/75-03/22/76	6	590.	7802.167	43000.	93.	297972164.167	17261.87	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GREE0018

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
			Obs			Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	55	0	0.00	16	0	0.00	29	0	0.00	10	0	0.00			
00400 PH	Fresh Chronic	9.	54	3	0.06	16	1	0.06	30	1	0.03	8	1	0.13			
	Other-Lo Lim.	6.5	54	6	0.11	16	1	0.06	30	4	0.13	8	1	0.13			
01000 ARSENIC, DISSOLVED	Fresh Acute	360.	6	0	0.00				6	0	0.00						
	Drinking Water	50.	6	0	0.00				6	0	0.00						
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	32	23	0.72	10	9	0.90	16	9	0.56	6	5	0.83			
31505 COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	16	15	0.94	3	3	1.00	11	10	0.91	2	2	1.00			
31615 FECAL COLIFORM, MPN	Other-Hi Lim.	200.	57	45	0.79	16	15	0.94	31	21	0.68	10	9	0.90			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station GREE0018

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-08/06/80	1	1.	1.	1.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/18/73-08/06/80	1	11.8	11.8	11.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-08/06/80	1	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-08/06/80	1	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-08/06/80	1	0.316	0.316	0.316	0.	0.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-08/06/80	1	430.	430.	430.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-08/06/80	1	2.633	2.633	2.633	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =		430.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GREE0018

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-08/06/80	11	14.	13.591	27.	3.5	65.491	8.093	3.7	5.	26.
00300	OXYGEN, DISSOLVED MG/L	12/18/73-08/06/80	11	9.8	10.082	14.8	7.6	4.438	2.107	7.64	8.4	14.24
00400	PH (STANDARD UNITS)	12/18/73-08/06/80	11	7.	6.855	8.	5.	0.663	0.814	5.22	6.5	7.92
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-08/06/80	11	7.	5.969	8.	5.	1.526	1.235	5.22	6.5	7.92
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-08/06/80	11	0.1	1.075	10.	0.01	8.814	2.969	0.013	0.04	8.159
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-08/06/80	11	2100.	261312.273	2400000.	75.522052223376.818	722531.815	90.	230.	4300.	2012000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-08/06/80	11	3.322	3.422	6.38	1.875	2.037	1.427	1.935	2.362	6.237
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =		2643.251								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GREE0018

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-08/06/80	11	10.	12.909	24.5	4.	54.191	7.361	4.2	6.	24.4
00300	OXYGEN, DISSOLVED MG/L	12/18/73-08/06/80	11	11.4	10.491	13.5	6.4	5.337	2.31	6.68	8.8	13.48
00400	PH (STANDARD UNITS)	12/18/73-08/06/80	10	7.25	7.25	8.2	5.8	0.458	0.677	5.9	6.95	8.17
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-08/06/80	10	7.225	6.672	8.2	5.8	0.829	0.911	5.9	6.95	8.17
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-08/06/80	10	0.06	0.213	1.585	0.006	0.235	0.485	0.007	0.018	1.442
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-08/06/80	11	930.	1254.818	3900.	93.	1344809.364	1159.659	122.4	430.	3580.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-08/06/80	11	2.968	2.902	3.591	1.968	0.227	0.476	2.051	2.633	3.545
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =		797.372								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GREE0018

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-08/06/80	12	15.	14.25	30.	2.	120.932	10.997	2.3	3.25	29.4
00300	OXYGEN, DISSOLVED MG/L	12/18/73-08/06/80	11	14.4	13.491	15.	8.4	4.529	2.128	8.96	12.	15.
00400	PH (STANDARD UNITS)	12/18/73-08/06/80	10	7.3	7.644	9.25	6.95	0.563	0.75	6.955	7.105	9.175
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-08/06/80	10	7.289	7.319	9.25	6.95	0.681	0.825	6.955	7.105	9.175
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-08/06/80	10	0.051	0.048	0.112	0.001	0.002	0.04	0.001	0.008	0.111
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-08/06/80	12	330.	4123.25	43000.	93.	150355878.205	12261.969	93.	107.25	30790.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-08/06/80	12	2.498	2.684	4.633	1.968	0.599	0.774	1.968	2.02	4.252
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =		483.402								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GREE0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-08/06/80	11	10.	13.391	25.	0.	83.681	9.148	0.4	7.	22.	24.6
00300	OXYGEN, DISSOLVED MG/L	12/18/73-08/06/80	10	10.7	11.14	15.	8.7	3.64	1.908	8.74	10.	12.3	14.85
00400	PH (STANDARD UNITS)	12/18/73-08/06/80	11	7.6	7.638	9.3	6.4	0.626	0.791	6.522	7.1	8.1	9.08
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-08/06/80	11	7.6	7.151	9.3	6.4	0.887	0.942	6.522	7.1	8.1	9.08
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-08/06/80	11	0.025	0.071	0.398	0.001	0.013	0.114	0.002	0.008	0.079	0.338
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-08/06/80	11	430.	4992.364	43000.	23.	161386353.655	12703.793	37.	230.	4300.	35260.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-08/06/80	11	2.633	2.849	4.633	1.362	0.779	0.883	1.483	2.362	3.633	4.433
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			705.918								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GREE0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-08/06/80	6	10.75	11.333	22.5	2.	65.167	8.073	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/18/73-08/06/80	6	10.95	11.	12.7	9.2	1.676	1.295	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-08/06/80	6	7.2	7.233	7.9	6.8	0.139	0.372	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-08/06/80	6	7.2	7.127	7.9	6.8	0.152	0.39	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-08/06/80	6	0.063	0.075	0.158	0.013	0.002	0.05	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-08/06/80	6	680.	1380.5	4300.	93.	2691333.5	1640.528	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-08/06/80	6	2.801	2.821	3.633	1.968	0.389	0.624	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			662.562								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GREE0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-08/06/80	5	15.	14.4	29.	0.	189.8	13.777	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/18/73-08/06/80	5	9.8	10.78	13.5	9.4	3.302	1.817	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-08/06/80	5	8.2	8.102	9.06	7.04	0.838	0.915	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-08/06/80	5	8.2	7.524	9.06	7.04	1.256	1.121	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-08/06/80	5	0.006	0.03	0.091	0.001	0.002	0.04	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-08/06/80	5	230.	629.2	2300.	93.	891408.7	944.144	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-08/06/80	5	2.362	2.459	3.362	1.968	0.334	0.578	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			287.593								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station GREE0018

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-08/06/80	16	23.5	23.156	29.	14.	17.557	4.19	16.45	20.5	27.	28.3
00300	OXYGEN, DISSOLVED MG/L	12/18/73-08/06/80	16	9.2	9.45	13.5	6.4	3.323	1.823	7.24	7.95	10.7	12.45
00400	PH (STANDARD UNITS)	12/18/73-08/06/80	16	7.6	7.657	9.25	6.1	0.649	0.805	6.45	7.2	8.175	9.012
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-08/06/80	16	7.6	7.037	9.25	6.1	1.058	1.029	6.45	7.2	8.175	9.012
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-08/06/80	16	0.025	0.092	0.794	0.001	0.039	0.198	0.001	0.007	0.063	0.414
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-08/06/80	16	680.	151514.563	2400000.	93.359518234763.729	599598.395	188.9	430.	4200.	723010.	
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-08/06/80	16	2.801	3.14	6.38	1.968	1.025	1.013	2.244	2.633	3.623	4.457
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1379.841								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station GREE0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-08/06/80	31	5	5.945	16.	0.	17.17	4.144	1.	3.	9.	12.8
00300	OXYGEN, DISSOLVED MG/L	12/18/73-08/06/80	29	11.9	12.234	15.	9.	3.216	1.793	10.2	10.65	13.5	15.
00400	PH (STANDARD UNITS)	12/18/73-08/06/80	30	7.17	7.207	9.3	5.	0.579	0.761	6.5	7.	7.65	8.09
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-08/06/80	30	7.169	6.335	9.3	5.	1.365	1.168	6.5	7.	7.65	8.09
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-08/06/80	30	0.068	0.462	10.	0.001	3.326	1.824	0.008	0.023	0.1	0.316
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-08/06/80	31	430.	2233.742	43000.	23.	58564115.131	7652.719	93.	93.	930.	3900.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-08/06/80	31	2.633	2.653	4.633	1.362	0.471	0.686	1.968	1.968	2.968	3.579
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			449.599								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GREE0018

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-08/06/80	10	20.	19.6	30.	10.	26.267	5.125	10.5	17.25	22.	29.2
00300	OXYGEN, DISSOLVED MG/L	12/18/73-08/06/80	10	10.5	11.18	15.	8.4	6.222	2.494	8.44	9.025	14.25	14.94
00400	PH (STANDARD UNITS)	12/18/73-08/06/80	8	7.25	7.508	9.06	6.4	0.786	0.887	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-08/06/80	8	7.225	7.011	9.06	6.4	1.067	1.033	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-08/06/80	8	0.06	0.097	0.398	0.001	0.017	0.132	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-08/06/80	10	1215.	51101.3	460000.	93.20816618403.567	144279.653	106.7	230.	12475.	418300.	
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-08/06/80	10	3.072	3.249	5.663	1.968	1.272	1.128	2.008	2.362	3.68	5.56
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1774.052								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GREE0019

NPS Station ID: GREE0019 LAT/LON: 38.991142/ -76.878754

Location: TRIBUTARY OF STILL CREEK AT GODDARD VILLAGE

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 02070010

Major Basin: NORTH ATLANTIC

Minor Basin: POTOMAC RIVER

RF1 Index: 02070010

RF3 Index: 02070010059601.50

Description:

THE STATION IS LOCATED ON THE WASHINGTON EAST D.C.-MD. 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A TRIBUTARY OF STILL CREEK AT THE GODDARD SPACE VILLAGE NEAR THE SWIMMING POOL AND IS OUTSIDE GREENBELT PARK BOUNDARIES. SAMPLING FOR THIS SITE WAS DONE FROM 15 JUNE 1981 THROUGH 30 APRIL 1984 IN AN EFFORT TO DOCUMENT THE EFFECT OF DEVELOPMENT ON THE AREA. SAMPLES WERE ANALYZED FOR TEMPERATURE; TURBIDITY; SUSPENDED SOLIDS; PH; DISSOLVED OXYGEN; FECAL COLIFORM; AND CONDUCTIVITY. THE RESULTS WERE OBTAINED FROM STEPHEN SYPHAX; NATIONAL CAPITAL PARKS-EAST RESOURCE MANAGEMENT; 1900 ANACOSTIA DRIVE SE; WASHINGTON D.C. 20020. FOR MORE INFORMATION CONTACT CHIEF OF RESOURCES AT NATIONAL CAPITAL PARKS; 1100 OHIO DRIVE SW; WASHINGTON D.C. 20242. TEL (202) 619-7222. DATA WERE PROCESSED AND UPLOADED TO STORET BY PAUL MCELVERY AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS COLORADO 80525. TEL (970) 225-3516.

Agency: 11NPSWRD

FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S

STORET Station ID(s): GREE_NPS_3

Within Park Boundary: No

Date Created: 07/11/98

Depth of Water: 0

Elevation: 0

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.21

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: GREE0019

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/13/81-04/30/84	81	14.	12.531	23.	-2.	47.827	6.916	4.	7.25	19.	20.9
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/81-04/30/84	81	290.	343.593	2400.	50.	72037.694	268.398	164.	225.5	400.	518.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/15/81-04/30/84	66	10.45	10.756	14.7	8.	3.23	1.797	8.77	9.175	12.05	13.7
00403 PH, LAB, STANDARD UNITS SU	06/15/81-04/30/84	68	6.9	6.884	8.4	6.1	0.147	0.383	6.49	6.6	7.	7.31
00403 CONVERTED PH, LAB, STANDARD UNITS	06/15/81-04/30/84	68	6.9	6.755	8.4	6.1	0.163	0.404	6.49	6.6	7.	7.31
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/15/81-04/30/84	68	0.126	0.176	0.794	0.004	0.018	0.135	0.049	0.1	0.251	0.324
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/15/81-04/30/84	76	14.5	39.629	440.	0.2	6295.372	79.343	4.	7.25	28.	98.
31613 FECAL COLIFORM, MEMBR FILTER, M-FC AGAR, 44.5C, 24HR	06/15/81-03/05/84	38	300.	715.526	5700.	0.	1551205.121	1245.474	10.	90.	670.	1900.
31613 LOG FECAL COLIFORM, MEMBR FILTER, M-FC AGAR, 44.5C, 24	06/15/81-03/05/84	38	2.477	2.341	3.756	0.	0.633	0.796	1.	1.954	2.826	3.264
31613 GM FECAL COLIFORM, MEMBR FILTER, M-FC AGAR, 44.5C, 24H	GEOMETRIC MEAN =			219.162								
82079 TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/26/81-03/19/84	25	58.	107.2	490.	23.	14241.583	119.338	24.	34.5	137.5	326.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GREE0019

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----	-----10/15-3/31-----	-----4/01-6/30-----	-----n/a-----
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	66	0	0.00	Obs 21 Exceed 0 Prop. 0.00	Obs 27 Exceed 0 Prop. 0.00	Obs 18 Exceed 0 Prop. 0.00	Obs Exceed Prop.

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GREE0019

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
00403	PH, LAB					Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
	Fresh Chronic	9.	68	0	0.00	21	0	0.00	28	0	0.00	19	0	0.00			
	Other-Lo Lim.	6.5	68	12	0.18	21	3	0.14	28	3	0.11	19	6	0.32			
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR																
	Other-Hi Lim.	200.	38	25	0.66	9	9	1.00	22	11	0.50	7	5	0.71			
82079	TURBIDITY, LAB																
	Other-Hi Lim.	50.	25	14	0.56	7	3	0.43	14	10	0.71	4	1	0.25			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1981 - Station GREE0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/13/81-04/30/84	22	18.75	17.386	23.	5.	21.213	4.606	10.15	14.	21.	22.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/81-04/30/84	22	320.	356.364	750.	50.	31633.766	177.859	152.	227.5	485.	670.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/15/81-04/30/84	9	8.9	8.744	9.1	8.	0.15	0.388	8.	8.45	9.	9.1
00403	PH, LAB, STANDARD UNITS SU	06/15/81-04/30/84	9	6.8	6.778	8.	6.1	0.292	0.54	6.1	6.4	6.9	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	06/15/81-04/30/84	9	6.8	6.572	8.	6.1	0.339	0.583	6.1	6.4	6.9	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/15/81-04/30/84	9	0.158	0.268	0.794	0.01	0.059	0.243	0.01	0.126	0.409	0.794
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/15/81-04/30/84	18	16.5	38.344	353.	0.2	6425.571	80.16	7.22	8.75	29.	92.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GREE0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/13/81-04/30/84	24	13.25	12.604	21.5	2.	38.326	6.191	3.	7.	18.75	20.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/81-04/30/84	24	350.	349.583	540.	180.	8925.906	94.477	220.	290.	407.5	515.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/15/81-04/30/84	25	10.5	10.844	14.	8.4	2.383	1.544	9.18	9.55	12.	13.64
00403	PH, LAB, STANDARD UNITS SU	06/15/81-04/30/84	26	6.9	6.935	8.4	6.3	0.222	0.471	6.4	6.575	7.1	7.7
00403	CONVERTED PH, LAB, STANDARD UNITS	06/15/81-04/30/84	26	6.9	6.762	8.4	6.3	0.253	0.503	6.4	6.575	7.1	7.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/15/81-04/30/84	26	0.126	0.173	0.501	0.004	0.019	0.136	0.02	0.079	0.267	0.398
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/15/81-04/30/84	24	9.5	24.483	201.	0.6	1816.302	42.618	2.5	5.25	26.25	70.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GREE0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/13/81-04/30/84	26	11.75	11.673	21.5	-2.	40.459	6.361	4.	7.25	18.	19.3
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/81-04/30/84	26	260.	275.385	650.	50.	18081.846	134.469	134.	182.5	322.5	473.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/15/81-04/30/84	23	10.4	10.474	13.3	8.5	2.012	1.418	8.82	9.2	11.6	12.68
00403	PH, LAB, STANDARD UNITS SU	06/15/81-04/30/84	24	6.9	6.892	7.6	6.5	0.069	0.264	6.5	6.7	7.	7.2
00403	CONVERTED PH, LAB, STANDARD UNITS	06/15/81-04/30/84	24	6.9	6.822	7.6	6.5	0.075	0.273	6.5	6.7	7.	7.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/15/81-04/30/84	24	0.126	0.151	0.316	0.025	0.007	0.085	0.065	0.1	0.2	0.316
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/15/81-04/30/84	25	13.	55.2	440.	3.	12491.	111.763	3.6	6.	31.	232.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GREE0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/13/81-04/30/84	9	6.	2.944	10.	-1.5	15.34	3.917	0.	1.25	-1.25	10.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/81-04/30/84	9	230.	493.444	2400.	190.	514231.778	717.1	190.	215.5	340.	2400.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/15/81-04/30/84	9	13.7	13.244	14.7	10.8	1.64	1.281	10.8	12.3	14.3	14.7
00403	PH, LAB, STANDARD UNITS SU	06/15/81-04/30/84	9	6.8	6.822	7.	6.6	0.019	0.139	6.6	6.7	6.95	7.
00403	CONVERTED PH, LAB, STANDARD UNITS	06/15/81-04/30/84	9	6.8	6.802	7.	6.6	0.02	0.141	6.6	6.7	6.95	7.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/15/81-04/30/84	9	0.158	0.158	0.251	0.1	0.003	0.051	0.1	0.113	0.2	0.251
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/15/81-04/30/84	9	27.	39.333	102.	11.	1220.25	34.932	11.	17.	63.5	102.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GREE0020

NPS Station ID: GREE0020

Location: NORTH BRANCH STILL RUN SOUTH OF GREENBELT ROAD

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 02070010

Major Basin: NORTH ATLANTIC

Minor Basin: POTOMAC RIVER

RF1 Index: 02070010

RF3 Index: 02070010059601.50

Description:

THE STATION IS LOCATED ON THE WASHINGTON EAST D.C.-MD. 7.5 MINUTE SERIES (TOPOGRAPHIC-BATHYMETRIC) QUADRANGLE. THE SITE IS AT THE NORTH BRANCH OF STILL RUN APPROXIMATELY 1/4 MILE SOUTH OF GREENBELT ROAD. FLOW AND SUSPENDED SOLIDS WERE MEASURED AT THIS SITE ON 1 APRIL; 15 APRIL; AND 29 APRIL 1983. THE RESULTS WERE OBTAINED FROM STEPHEN SYPHAX; NATIONAL CAPITAL PARKS-EAST RESOURCE MANAGEMENT; 1900 ANACOSTIA DRIVE SE; WASHINGTON D.C. 20020. FOR MORE INFORMATION CONTACT CHIEF OF RESOURCES AT NATIONAL CAPITAL PARKS; 1100 OHIO DRIVE SW; WASHINGTON D.C. 20242. TEL (202) 619-7222. DATA WERE PROCESSED AND UPLOADED TO STORET BY PAUL MCELVERY AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS COLORADO 80525. TEL (970) 225-3516.

LAT/LON: 38.991921/ -76.897754

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 4.50

Agency: 11NPSWRD

FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S

STORET Station ID(s): GREE_SS_H

Within Park Boundary: Yes

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.21

Date Created: 07/11/98

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: GREE0020

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061 FLOW, STREAM, INSTANTANEOUS CFS	04/15/83-04/29/83	8	1.5	1.431	3.	0.05	1.528	1.236	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/15/83-04/15/83	5	176.	144.	253.	25.	12659.	112.512	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

***** No EPA Water Quality Criteria exist to compare against the data at this station. *****

Station Inventory for Station: GREE0021

NPS Station ID: GREE0021 LAT/LON: 38.993642/ -76.898642

Location: NORTH BRANCH STILL CREEK WEST OF PARK CENTRAL RD

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 02070010

Major Basin: NORTH ATLANTIC

Minor Basin: POTOMAC RIVER

RF1 Index: 02070010

RF3 Index: 02070010059601.50

Description:

THE STATION IS LOCATED ON THE WASHINGTON EAST D.C.-MD. 7.5 MINUTE

STILL CREEK ON THE WEST SIDE OF PARK CENTRAL ROAD AND IS WITHIN

12 JUNE 1981 THROUGH 30 APRIL 1984 IN AN EFFORT TO DOCUMENT THE

TEMPERATURE; TURBIDITY; SUSPENDED SOLIDS; PH; DISSOLVED OXYGEN; FECAL COLIFORM; AND CONDUCTIVITY. THE RESULTS WERE OBTAINED FROM STEPHEN

SYPHAX; NATIONAL CAPITAL PARKS-EAST RESOURCE MANAGEMENT; 1900 ANACOSTIA DRIVE SE; WASHINGTON D.C. 20020. FOR MORE INFORMATION CONTACT CHIEF OF

RESOURCES AT NATIONAL CAPITAL PARKS; 1100 OHIO DRIVE SW; WASHINGTON D.C. 20242. TEL (202) 619-7222. DATA WERE PROCESSED AND UPLOADED TO STORET

BY PAUL MCELVERY AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS COLORADO 80525. TEL (970) 225-3516.

Agency: 11NPSWRD

FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S

STORET Station ID(s): GREE_NPS_X

Within Park Boundary: Yes

Date Created: 07/11/98

Depth of Water: 0

Elevation: 0

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.21

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: GREE0021

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/01/82-04/30/84	58	10.6	11.038	21.	-1.	43.796	6.618	3.	6.875	17.125	20.
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/01/82-04/30/84	59	360.	474.068	5000.	100.	393169.375	627.032	240.	320.	450.	530.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/82-04/30/84	57	10.8	10.882	14.2	8.6	2.434	1.56	8.98	9.4	12.05	13.24
00403 PH, LAB, STANDARD UNITS SU	01/18/82-04/30/84	59	6.8	6.836	7.7	5.8	0.09	0.3	6.5	6.7	7.	7.2
00403 CONVERTED PH, LAB, STANDARD UNITS	01/18/82-04/30/84	59	6.8	6.721	7.7	5.8	0.104	0.322	6.5	6.7	7.	7.2
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/82-04/30/84	59	0.158	0.19	1.585	0.02	0.043	0.207	0.063	0.1	0.2	0.316
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/01/82-04/30/84	47	2.	12.109	167.	0.	1061.281	32.577	0.	0.2	5.	39.8
31613 FECAL COLIFORM, MEMBR FILTER, M-FC AGAR, 44.5C, 24HR	02/16/82-04/02/84	38	105.	152.132	650.	0.	27770.009	166.643	5.9	30.	222.5	360.
31613 LOG FECAL COLIFORM, MEMBR FILTER, M-FC AGAR, 44.5C, 24	02/16/82-04/02/84	38	2.021	1.848	2.813	0.	0.451	0.671	0.77	1.477	2.347	2.552
31613 GM FECAL COLIFORM, MEMBR FILTER, M-FC AGAR, 44.5C, 24H	GEOMETRIC MEAN =			70.487								
82079 TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/15/83-03/19/84	23	3.8	13.478	105.	1.3	755.528	27.487	1.48	2.2	6.9	67.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GREE0021

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----	-----10/15-3/31-----	-----4/01-6/30-----	-----n/a-----
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	57	0	0.00	Obs 15 Exceed 0 Prop. 0.00	Obs 27 Exceed 0 Prop. 0.00	Obs 15 Exceed 0 Prop. 0.00	Obs Exceed Prop.

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GREE0021

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
00403	PH, LAB	Fresh Chronic	9.	59	0	0.00	15	0	0.00	28	0	0.00	16	0	0.00		
		Other-Lo Lim.	6.5	59	9	0.15	15	2	0.13	28	3	0.11	16	4	0.25		
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	38	10	0.26	10	4	0.40	20	4	0.20	8	2	0.25		
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	23	2	0.09	7	0	0.00	12	2	0.17	4	0	0.00		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GREE0022

NPS Station ID: GREE0022 LAT/LON: 38.994781/ -76.892866

Location: NORTH BRANCH STILL CREEK NEXT TO PROPANE TANK

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 02070010

Major Basin: NORTH ATLANTIC

Minor Basin: POTOMAC RIVER

RF1 Index: 02070010

RF3 Index: 02070010059601.50

Description:

THE STATION IS LOCATED ON THE WASHINGTON EAST D.C.-MD. 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT THE NORTH BRANCH OF STILL CREEK NEXT TO THE PROPANE TANK IN THE HEADQUARTERS PARKING LOT AND IS WITHIN GREENBELT PARK BOUNDARIES. SAMPLING FOR THIS SITE WAS DONE FROM 12 JUNE 1981 THROUGH 30 APRIL 1984 IN AN EFFORT TO DOCUMENT THE EFFECT OF DEVELOPMENT ON THE AREA. SAMPLES WERE ANALYZED FOR TEMPERATURE; TURBIDITY; SUSPENDED SOLIDS; PH; DISSOLVED OXYGEN; FECAL COLIFORM; AND CONDUCTIVITY. THE RESULTS WERE OBTAINED FROM STEPHEN SYPHAX; NATIONAL CAPITAL PARKS-EAST RESOURCE MANAGEMENT; 1900 ANACOSTIA DRIVE SE; WASHINGTON D.C. 20020. FOR MORE INFORMATION CONTACT CHIEF OF RESOURCES AT NATIONAL CAPITAL PARKS; 1100 OHIO DRIVE SW; WASHINGTON D.C. 20242. TEL (202) 619-7222. DATA WERE PROCESSED AND UPLOADED TO STORET BY PAUL MCELVERY AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS COLORADO 80525. TEL (970) 225-3516.

Agency: 11NPSWRD

FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S

STORET Station ID(s): GREE_NPS_2

Within Park Boundary: Yes

Date Created: 07/11/98

Depth of Water: 0

Elevation: 0

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.21

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: GREE0022

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/81-04/30/84	81	13.	12.698	23.	-3.	55.685	7.462	3.	7.	20.	21.9
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/81-04/30/84	80	395.	595.	5500.	50.	620929.114	787.991	230.	280.	550.	1045.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/15/81-04/30/84	60	10.7	10.728	15.2	7.5	3.826	1.956	8.4	8.95	12.15	13.38
00403 PH, LAB, STANDARD UNITS SU	06/15/81-04/30/84	68	6.8	6.862	9.4	6.1	0.218	0.466	6.4	6.6	7.	7.2
00403 CONVERTED PH, LAB, STANDARD UNITS	06/15/81-04/30/84	68	6.8	6.716	9.4	6.1	0.239	0.489	6.4	6.6	7.	7.2
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/15/81-04/30/84	68	0.158	0.192	0.794	0.	0.022	0.148	0.063	0.1	0.251	0.398
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/12/81-04/30/84	72	4.	29.164	750.	0.	9997.777	99.989	0.7	2.25	11.25	42.6
31613 FECAL COLIFORM, MEMBR FILTER, M-FC AGAR, 44.5C, 24HR	06/15/81-04/02/84	53	70.	305.906	3800.	0.	399313.779	631.913	0.	10.5	325.	750.
31613 LOG FECAL COLIFORM, MEMBR FILTER, M-FC AGAR, 44.5C, 24	06/15/81-04/02/84	53	1.845	1.719	3.58	0.	1.049	1.024	0.	0.952	2.512	2.874
31613 GM FECAL COLIFORM, MEMBR FILTER, M-FC AGAR, 44.5C, 24H	GEOMETRIC MEAN =			52.383								
82079 TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/26/81-03/19/84	25	9.9	44.948	520.	3.8	10959.948	104.69	3.86	6.4	37.5	115.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GREE0022

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----	-----10/15-3/31-----	-----4/01-6/30-----	-----n/a-----
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	60	0	0.00	Obs 19 Exceed 0 Prop. 0.00	Obs 25 Exceed 0 Prop. 0.00	Obs 16 Exceed 0 Prop. 0.00	Obs Exceed Prop.

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GREE0022

Parameter	Std. Type	Std. Value	Total			-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
			Obs	Exceed Standard	Prop. Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403 PH, LAB	Fresh Chronic	9.	68	1	0.01	21	0	0.00	28	1	0.04	19	0	0.00			
	Other-Lo Lim.	6.5	68	13	0.19	21	4	0.19	28	4	0.14	19	5	0.26			
	Other-Hi Lim.	200.	53	20	0.38	18	13	0.72	24	5	0.21	11	2	0.18			
82079 TURBIDITY, LAB	Other-Hi Lim.	50.	25	4	0.16	7	0	0.00	14	3	0.21	4	1	0.25			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1981 - Station GREE0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/81-04/30/84	22	20.5	18.114	23.	4.	25.665	5.066	10.15	15.75	22.	22.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/81-04/30/84	21	280.	294.286	490.	50.	10745.714	103.662	202.	230.	355.	468.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/15/81-04/30/84	9	8.8	8.678	9.2	8.	0.169	0.412	8.	8.3	9.	9.2
00403	PH, LAB, STANDARD UNITS SU	06/15/81-04/30/84	9	6.7	6.844	8.4	6.2	0.405	0.637	6.2	6.5	6.95	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	06/15/81-04/30/84	9	6.7	6.625	8.4	6.2	0.46	0.678	6.2	6.5	6.95	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/15/81-04/30/84	9	0.2	0.237	0.631	0.004	0.034	0.185	0.004	0.113	0.316	0.631

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GREE0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/81-04/30/84	24	13.	12.479	22.	2.	42.663	6.532	2.5	6.625	18.75	21.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/81-04/30/84	24	460.	705.417	4200.	240.	698391.123	835.698	265.	315.	550.	1650.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/15/81-04/30/84	19	11.2	10.8	13.4	7.5	3.149	1.775	7.8	9.6	12.	12.9
00403	PH, LAB, STANDARD UNITS SU	06/15/81-04/30/84	26	6.8	6.912	9.4	6.3	0.371	0.609	6.37	6.575	7.025	7.5
00403	CONVERTED PH, LAB, STANDARD UNITS	06/15/81-04/30/84	26	6.8	6.716	9.4	6.3	0.411	0.641	6.37	6.575	7.025	7.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/15/81-04/30/84	26	0.158	0.192	0.501	0.	0.02	0.14	0.032	0.095	0.267	0.429

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GREE0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/81-04/30/84	26	11.	11.673	22.5	-3.	51.959	7.208	2.7	7.	18.375	21.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/81-04/30/84	26	360.	483.462	2600.	220.	215983.538	464.74	237.	260.	512.5	755.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/15/81-04/30/84	23	10.6	10.491	13.9	8.4	2.584	1.608	8.6	9.1	11.7	12.92
00403	PH, LAB, STANDARD UNITS SU	06/15/81-04/30/84	24	6.9	6.863	7.2	6.3	0.051	0.226	6.5	6.725	7.	7.1
00403	CONVERTED PH, LAB, STANDARD UNITS	06/15/81-04/30/84	24	6.9	6.797	7.2	6.3	0.056	0.236	6.5	6.725	7.	7.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/15/81-04/30/84	24	0.126	0.159	0.501	0.063	0.011	0.106	0.079	0.1	0.189	0.325

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GREE0022

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/81-04/30/84	9	5.5	3.	9.	-3.	14.438	3.8	1.	2.	4.25	-3.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/81-04/30/84	9	750.	1324.444	5500.	550.	2509002.778	1583.983	550.	635.	1175.	5500.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/15/81-04/30/84	9	13.1	13.233	15.2	11.2	1.89	1.375	11.2	12.1	14.4	15.2
00403	PH, LAB, STANDARD UNITS SU	06/15/81-04/30/84	9	6.8	6.733	7.1	6.1	0.083	0.287	6.1	6.6	6.9	7.1
00403	CONVERTED PH, LAB, STANDARD UNITS	06/15/81-04/30/84	9	6.8	6.63	7.1	6.1	0.095	0.307	6.1	6.6	6.9	7.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/15/81-04/30/84	9	0.158	0.234	0.794	0.079	0.047	0.218	0.079	0.129	0.251	0.794

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GREE0023

NPS Station ID: GREE0023	LAT/LON: 38.995059/ -76.897170	Agency: 11NPSWRD	Date Created: 07/11/98
Location: NORTH BRANCH STILL RUN NEAR GREENBELT ROAD		FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S	
Station Type: /TYPA/AMBNT/STREAM		STORET Station ID(s): GREE_SS_A	
RMI-Indexes:		Within Park Boundary: Yes	
RMI-Miles:			
HUC: 02070010	Depth of Water: 0	Aquifer:	
Major Basin: NORTH ATLANTIC	Elevation: 0	Water Body Id:	
Minor Basin: POTOMAC RIVER		ECO Region:	
RF1 Index: 02070010	RF1 Mile Point: 0.000	Distance from RF1: 0.00	On/Off RF1:
RF3 Index: 02070010059601.50	RF3 Mile Point: 4.50	Distance from RF3: 0.21	On/Off RF3:
Description:			
THE STATION IS LOCATED ON THE WASHINGTON EAST D.C.-MD. 7.5 MINUTE SERIES (TOPOGRAPHIC-BATHYMETRIC) QUADRANGLE. THE SITE IS AT THE NORTH BRANCH OF STILL RUN APPROXIMATELY 400 FEET SOUTH OF GREENBELT ROAD. FLOW AND SUSPENDED SOLIDS WERE MEASURED AT THIS SITE ON 1 APRIL; 15 APRIL; AND 29 APRIL 1983. THE RESULTS WERE OBTAINED FROM STEPHEN SYPHAX; NATIONAL CAPITAL PARKS-EAST RESOURCE MANAGEMENT; 1900 ANACOSTIA DRIVE SE; WASHINGTON D.C. 20020. FOR MORE INFORMATION CONTACT CHIEF OF RESOURCES AT NATIONAL CAPITAL PARKS; 1100 OHIO DRIVE SW; WASHINGTON D.C. 20242. TEL (202) 619-7222. DATA WERE PROCESSED AND UPLOADED TO STORET BY PAUL MCELVERY AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS COLORADO 80525. TEL (970) 225-3516.			

Parameter Inventory for Station: GREE0023

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061 FLOW, STREAM, INSTANTANEOUS CFS	04/01/83-04/29/83	10	0.25	1.077	3.	0.03	1.806	1.344	0.031	0.16	3.	3.
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/01/83-04/29/83	10	99.5	197.5	654.	44.	43483.167	208.526	44.	59.75	347.75	634.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

***** No EPA Water Quality Criteria exist to compare against the data at this station. *****

Station Inventory for Station: GREE0024

NPS Station ID: GREE0024	LAT/LON: 38.995531/ -76.898921	Agency: 11NPSWRD	Date Created: 07/11/98
Location: NORTH BRANCH STILL CREEK WEST OF PARK ENTRANCE		FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S	
Station Type: /TYPA/AMBNT/STREAM		STORET Station ID(s): GREE_NPS_8	
RMI-Indexes:		Within Park Boundary: Yes	
RMI-Miles:			
HUC: 02070010	Depth of Water: 0	Aquifer:	
Major Basin: NORTH ATLANTIC	Elevation: 0	Water Body Id:	
Minor Basin: POTOMAC RIVER		ECO Region:	
RF1 Index: 02070010	RF1 Mile Point: 0.000	Distance from RF1: 0.00	On/Off RF1:
RF3 Index: 02070010059601.50	RF3 Mile Point: 4.50	Distance from RF3: 0.21	On/Off RF3:
Description: THE STATION IS LOCATED ON THE WASHINGTON EAST D.C.-MD. 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT THE NORTH BRANCH OF STILL CREEK 1/4 MILE WEST OF THE ENTRANCE TO GREENBELT PARK AND IS WITHIN GREENBELT PARK BOUNDARIES. SAMPLING FOR THIS SITE WAS DONE FROM 21 SEPTEMBER 1981 THROUGH 30 APRIL 1984 IN AN EFFORT TO DOCUMENT THE EFFECT OF DEVELOPMENT ON THE AREA. SAMPLES WERE ANALYZED FOR TEMPERATURE; TURBIDITY; SUSPENDED SOLIDS; PH; DISSOLVED OXYGEN; FECAL COLIFORM; AND CONDUCTIVITY. THE RESULTS WERE OBTAINED FROM STEPHEN SYPHAX; NATIONAL CAPITAL PARKS-EAST RESOURCE MANAGEMENT; 1900 ANACOSTIA DRIVE SE; WASHINGTON D.C. 20020. FOR MORE INFORMATION CONTACT CHIEF OF RESOURCES AT NATIONAL CAPITAL PARKS; 1100 OHIO DRIVE SW; WASHINGTON D.C. 20242. TEL (202) 619-7222. DATA WERE PROCESSED AND UPLOADED TO STORET BY PAUL MCELVERY AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS COLORADO 80525. TEL (970) 225-3516.			

Parameter Inventory for Station: GREE0024

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/81-04/30/84	60	10.25	11.268	23.5	-0.5	48.788	6.985	3.55	6.125	18.	20.91
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/19/81-04/30/84	61	600.	725.574	2400.	230.	135698.415	368.373	404.	530.	810.	1200.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/04/82-04/30/84	50	11.4	11.082	14.2	6.	3.32	1.822	8.42	9.85	12.325	13.18
00403 PH, LAB, STANDARD UNITS SU	01/18/82-04/30/84	59	6.7	6.686	7.4	6.1	0.076	0.276	6.3	6.6	6.8	7.
00403 CONVERTED PH, LAB, STANDARD UNITS	01/18/82-04/30/84	59	6.7	6.603	7.4	6.1	0.083	0.289	6.3	6.6	6.8	7.
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/82-04/30/84	59	0.2	0.249	0.794	0.04	0.027	0.164	0.1	0.158	0.251	0.501
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/19/81-04/30/84	59	48.	153.322	1650.	2.	126916.257	356.253	18.	28.	95.	211.
31613 FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/19/81-01/09/84	25	65.	125.6	1100.	0.	54431.917	233.306	0.	0.	145.	356.
31613 LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	10/19/81-01/09/84	25	1.813	1.295	3.041	0.	1.153	1.074	0.	0.	2.148	2.529
31613 GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			19.707								
82079 TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/30/81-03/19/84	24	157.5	210.	820.	4.	38840.	197.079	39.5	69.75	256.25	542.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GREE0024

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	50	0	0.00	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
						8	0	0.00	27	0	0.00	15	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GREE0024

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
00403	PH, LAB					Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
	Fresh Chronic	9.	59	0	0.00	15	0	0.00	28	0	0.00	16	0	0.00			
	Other-Lo Lim.	6.5	59	13	0.22	15	3	0.20	28	5	0.18	16	5	0.31			
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR																
	Other-Hi Lim.	200.	25	5	0.20	7	4	0.57	15	0	0.00	3	1	0.33			
82079	TURBIDITY, LAB																
	Other-Hi Lim.	50.	24	20	0.83	7	6	0.86	13	11	0.85	4	3	0.75			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GREE0025

NPS Station ID: GREE0025

Location: NORTH BRANCH STILL CREEK EAST OF PARK ENTRANCE

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 02070010

Major Basin: NORTH ATLANTIC

Minor Basin: POTOMAC RIVER

RF1 Index: 02070010

RF3 Index: 02070010059601.50

Description:

THE STATION IS LOCATED ON THE WASHINGTON EAST D.C.-MD. 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT THE NORTH BRANCH OF STILL CREEK 1000 FEET EAST OF THE ENTRANCE TO GREENBELT PARK AND IS WITHIN GREENBELT PARK BOUNDARIES. SAMPLING FOR THIS SITE WAS DONE FROM 12 JUNE 1981 THROUGH 30 APRIL 1984 IN AN EFFORT TO DOCUMENT THE EFFECT OF DEVELOPMENT ON THE AREA. SAMPLES WERE ANALYZED FOR TEMPERATURE; TURBIDITY; SUSPENDED SOLIDS; PH; DISSOLVED OXYGEN; FECAL COLIFORM; AND CONDUCTIVITY. THE RESULTS WERE OBTAINED FROM STEPHEN SYPHAX; NATIONAL CAPITAL PARKS-EAST RESOURCE MANAGEMENT; 1900 ANACOSTIA DRIVE SE; WASHINGTON D.C. 20020. FOR MORE INFORMATION CONTACT CHIEF OF RESOURCES AT NATIONAL CAPITAL PARKS; 1100 OHIO DRIVE SW; WASHINGTON D.C. 20242. TEL (202) 619-7222. DATA WERE PROCESSED AND UPLOADED TO STORET BY PAUL MCELVERY AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS COLORADO 80525. TEL (970) 225-3516.

LAT/LON: 38.995615/ -76.892226

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 4.50

Agency: 11NPSWRD

FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S

STORET Station ID(s): GREE_NPS_1

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.21

Date Created: 07/11/98

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: GREE0025

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/81-04/30/84	81	16.	14.92	25.	-2.	59.259	7.698	5.1	9.	22.75	24.
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/81-04/30/84	79	240.	339.367	2400.	110.	103311.133	321.42	190.	220.	340.	500.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/12/81-04/30/84	64	9.9	10.195	14.2	7.5	3.302	1.817	8.15	8.425	11.6	12.8
00403 PH, LAB, STANDARD UNITS SU	06/12/81-04/30/84	69	7.	7.03	9.2	6.2	0.244	0.494	6.5	6.7	7.3	7.6
00403 CONVERTED PH, LAB, STANDARD UNITS	06/12/81-04/30/84	69	7.	6.846	9.2	6.2	0.279	0.528	6.5	6.7	7.3	7.6
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/12/81-04/30/84	69	0.1	0.143	0.631	0.001	0.014	0.119	0.025	0.05	0.2	0.316
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/12/81-04/30/84	69	5.	44.013	798.	0.	14286.264	119.525	0.	1.	16.	136.
31613 FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	06/15/81-12/15/83	46	3.	215.13	2400.	0.	260488.471	510.381	0.	0.	257.5	512.
31613 LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	06/15/81-12/15/83	46	0.452	1.027	3.38	0.	1.455	1.206	0.	0.	2.41	2.709
31613 GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			10.634								
82079 TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/26/81-03/19/84	25	5.3	101.156	680.	1.2	38433.491	196.045	1.92	3.5	84.5	467.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GREE0025

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	64	0	0.00	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
						19	0	0.00	27	0	0.00	18	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

143

EPA Water Quality Criteria Analysis for Station: GREE0025

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
00403	PH, LAB					Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
	Fresh Chronic	9.	69	1	0.01	21	0	0.00	28	1	0.04	20	0	0.00			
	Other-Lo Lim.	6.5	69	7	0.10	21	1	0.05	28	2	0.07	20	4	0.20			
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR																
	Other-Hi Lim.	200.	46	13	0.28	18	10	0.56	20	2	0.10	8	1	0.13			
82079	TURBIDITY, LAB																
	Other-Hi Lim.	50.	25	7	0.28	7	0	0.00	14	6	0.43	4	1	0.25			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1981 - Station GREE0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/81-04/30/84	22	21.75	20.25	25.	4.5	24.065	4.906	13.65	18.625	23.625	24.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/81-04/30/84	21	240.	228.571	440.	110.	4412.857	66.429	164.	190.	240.	324.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/12/81-04/30/84	10	8.3	8.3	8.6	8.	0.044	0.211	8.	8.15	8.45	8.6
00403	PH, LAB, STANDARD UNITS SU	06/12/81-04/30/84	10	6.65	6.75	7.2	6.4	0.067	0.259	6.41	6.575	7.	7.18
00403	CONVERTED PH, LAB, STANDARD UNITS	06/12/81-04/30/84	10	6.647	6.687	7.2	6.4	0.072	0.268	6.41	6.575	7.	7.18
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/12/81-04/30/84	10	0.225	0.206	0.398	0.063	0.012	0.108	0.067	0.1	0.267	0.39

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GREE0025

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/81-04/30/84	24	15.	14.813	25.	2.	51.648	7.187	5.25	7.875	22.875	24.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/81-04/30/84	23	260.	394.348	1800.	190.	129943.874	360.477	208.	230.	380.	860.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/12/81-04/30/84	23	10.1	10.322	13.5	8.3	2.226	1.492	8.4	8.9	11.5	12.64
00403	PH, LAB, STANDARD UNITS SU	06/12/81-04/30/84	26	6.95	7.019	8.5	6.4	0.229	0.478	6.54	6.675	7.225	7.69
00403	CONVERTED PH, LAB, STANDARD UNITS	06/12/81-04/30/84	26	6.947	6.846	8.5	6.4	0.26	0.51	6.54	6.675	7.225	7.69
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/12/81-04/30/84	26	0.113	0.143	0.398	0.003	0.012	0.108	0.021	0.06	0.212	0.295

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GREE0025

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/81-04/30/84	26	15.5	14.077	24.	-2.	52.394	7.238	5.85	8.875	21.25	23.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/81-04/30/84	26	250.	303.846	600.	140.	16952.615	130.202	197.	217.5	330.	544.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/12/81-04/30/84	22	9.55	9.923	12.2	7.5	2.459	1.568	8.	8.45	11.525	12.
00403	PH, LAB, STANDARD UNITS SU	06/12/81-04/30/84	24	7.	7.067	7.9	6.2	0.161	0.402	6.5	6.825	7.3	7.7
00403	CONVERTED PH, LAB, STANDARD UNITS	06/12/81-04/30/84	24	7.	6.893	7.9	6.2	0.193	0.439	6.5	6.825	7.3	7.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/12/81-04/30/84	24	0.1	0.128	0.631	0.013	0.018	0.136	0.02	0.05	0.15	0.325

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GREE0025

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/81-04/30/84	9	6.5	4.611	10.	-0.5	17.174	4.144	0.	1.5	4.75	10.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/81-04/30/84	9	350.	560.	2400.	170.	486150.	697.245	170.	260.	460.	2400.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/12/81-04/30/84	9	12.4	12.644	14.2	10.8	1.888	1.374	10.8	11.3	14.	14.2
00403	PH, LAB, STANDARD UNITS SU	06/12/81-04/30/84	9	7.	7.278	9.2	6.5	0.649	0.806	6.5	6.75	7.5	9.2
00403	CONVERTED PH, LAB, STANDARD UNITS	06/12/81-04/30/84	9	7.	6.953	9.2	6.5	0.768	0.877	6.5	6.75	7.5	9.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/12/81-04/30/84	9	0.1	0.112	0.316	0.001	0.01	0.101	0.001	0.032	0.179	0.316

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GREE0026

NPS Station ID: GREE0026
 Location: INDIAN CK GREENBELT US GRENBLT R
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes: 0214001 002640 00220
 RMI-Miles: 0109.10 0011.70 001.44
 HUC: 02070010
 Major Basin: NORTH ATLANTIC
 Minor Basin: POTOMAC R
 RF1 Index: 02070010
 RF3 Index: 02070010066400.00
 Description:

LAT/LON: 38.998059/ -76.917781

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 0.14

Agency: 21MDPGHD
 FIPS State/County: 24033 MARYLAND/PRINCE GEORGES
 STORET Station ID(s): A-12 /243008 /PO-A-12
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 18.90
 Distance from RF3: 0.02

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: GREE0026

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-10/08/80	57	13.	12.905	28.	0.	78.201	8.843	1.8	4.5	20.	26.
00300 OXYGEN, DISSOLVED MG/L	12/18/73-10/08/80	55	10.3	10.436	15.	6.	5.335	2.31	7.56	8.5	12.2	13.88
00400 PH (STANDARD UNITS)	12/18/73-10/08/80	54	7.	7.055	9.61	4.8	0.546	0.739	6.235	6.7	7.413	7.89
00400 CONVERTED PH (STANDARD UNITS)	12/18/73-10/08/80	54	7.	6.284	9.61	4.8	1.151	1.073	6.235	6.7	7.413	7.89
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-10/08/80	54	0.1	0.519	15.849	0.	4.828	2.197	0.013	0.039	0.2	0.584
01000 ARSENIC, DISSOLVED (UG/L AS AS)	10/27/75-03/22/76	6	4.	5.333	14.	2.	20.267	4.502	**	**	**	**
30000 DIMETHOATE, SOIL, RECOVERABLE MG/KG	10/27/75-03/22/76	6	14.5	13.333	15.	9.	5.867	2.422	**	**	**	**
31501 COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/22/76-10/08/80	31	9300.	126084.516	1100000.	430.82615784938.925	287429.617	430.	2300.	43000.	460000.	
31501 LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,	03/22/76-10/08/80	31	3.968	4.097	6.041	2.633	0.968	0.984	2.633	3.362	4.633	5.663
31501 GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			12502.983								
31505 COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/18/73-02/23/76	16	23000.	104938.75	1100000.	290.73848673931.667	271751.125	738.	5550.	43000.	498000.	
31505 LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	12/18/73-02/23/76	16	4.362	4.244	6.041	2.462	0.811	0.9	2.817	3.717	4.633	5.579
31505 GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			17524.016								
31515 INVALID PARM	12/31/74-09/22/75	9	4300.	33372.222	210000.	750. 4606746944.444	67873.021	750.	1750.	36000.	210000.	
31615 FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-10/08/80	56	590.	11239.429	240000.	43. 1757700787.922	41924.942	93.	325.	4300.	11010.	
31615 LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-10/08/80	56	2.754	3.066	5.38	1.633	0.742	0.861	1.968	2.505	3.633	4.031
31615 GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1163.3								
40000 INVALID PARAMETER	10/27/75-03/22/76	5	7.2	6.7	7.5	4.8	1.295	1.138	**	**	**	**
50531 BENZENE, 1,2-PROPADIENYL- UG/L	10/27/75-03/22/76	6	15000.	192705.	1100000.	930.197634770550.	444561.324	**	**	**	**	**
61500 MERCURY SLUDGE SOLID FRACTN,DRY WT,MG/KG	10/27/75-03/22/76	6	2365.	7198.333	23000.	230. 92376936.667	9611.292	**	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GREE0026

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
			Obs			Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	55	0	0.00	17	0	0.00	28	0	0.00	10	0	0.00			
00400 PH	Fresh Chronic	9.	54	1	0.02	17	1	0.06	29	0	0.00	8	0	0.00			
	Other-Lo Lim.	6.5	54	11	0.20	17	3	0.18	29	7	0.24	8	1	0.13			
01000 ARSENIC, DISSOLVED	Fresh Acute	360.	6	0	0.00				6	0	0.00						
	Drinking Water	50.	6	0	0.00				6	0	0.00						
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	31	27	0.87	10	10	1.00	15	11	0.73	6	6	1.00			
31505 COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	16	14	0.88	3	3	1.00	11	9	0.82	2	2	1.00			
31615 FECAL COLIFORM, MPN	Other-Hi Lim.	200.	56	49	0.88	16	16	1.00	30	24	0.80	10	9	0.90			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station GREE0026

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-10/08/80	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/18/73-10/08/80	1	12.2	12.2	12.2	12.2	0.	0.	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-10/08/80	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-10/08/80	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-10/08/80	1	0.631	0.631	0.631	0.631	0.	0.	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-10/08/80	1	43.	43.	43.	43.	0.	0.	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-10/08/80	1	1.633	1.633	1.633	1.633	0.	0.	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =		43.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GREE0026

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-10/08/80	11	13.	12.955	27.	4.	60.423	7.773	4.2	5.	19.
00300	OXYGEN, DISSOLVED MG/L	12/18/73-10/08/80	11	9.1	9.191	12.2	6.	4.155	2.038	6.3	7.6	11.4
00400	PH (STANDARD UNITS)	12/18/73-10/08/80	11	6.6	6.664	7.5	5.4	0.431	0.656	5.52	6.1	7.3
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-10/08/80	11	6.6	6.197	7.5	5.4	0.67	0.818	5.52	6.1	7.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-10/08/80	11	0.251	0.635	3.981	0.032	1.333	1.155	0.033	0.05	0.794
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-10/08/80	11	750.	3960.	23000.	230.	47318460.	6878.841	230.	290.	4300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-10/08/80	11	2.875	3.092	4.362	2.362	0.475	0.689	2.362	2.462	3.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =		1236.72								4.283

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GREE0026

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-10/08/80	11	13.	13.682	27.	4.	61.664	7.853	4.2	5.5	20.
00300	OXYGEN, DISSOLVED MG/L	12/18/73-10/08/80	11	9.	9.891	13.5	6.6	3.893	1.973	6.92	8.8	10.9
00400	PH (STANDARD UNITS)	12/18/73-10/08/80	10	7.25	6.96	7.6	4.8	0.656	0.81	5.	6.8	7.425
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-10/08/80	10	7.247	5.781	7.6	4.8	2.2	1.483	5.	6.8	7.425
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-10/08/80	10	0.057	1.655	15.849	0.025	24.875	4.987	0.026	0.038	0.158
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-10/08/80	11	430.	23240.273	210000.	93.	3893294410.818	62396.269	120.4	230.	15000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-10/08/80	11	2.633	3.19	5.322	1.968	1.124	1.06	2.047	2.362	4.176
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =		1550.09								5.13

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GREE0026

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-10/08/80	12	12.5	13.083	28.	2.	107.902	10.388	2.	3.25	24.25
00300	OXYGEN, DISSOLVED MG/L	12/18/73-10/08/80	11	13.8	12.9	15.	7.2	5.722	2.392	7.92	11.6	15.
00400	PH (STANDARD UNITS)	12/18/73-10/08/80	10	7.15	7.285	8.4	6.4	0.436	0.66	6.41	6.8	7.875
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-10/08/80	10	7.147	6.938	8.4	6.4	0.57	0.755	6.41	6.8	7.875
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-10/08/80	10	0.071	0.115	0.398	0.004	0.018	0.136	0.004	0.014	0.173
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-10/08/80	11	430.	2238.455	9300.	43.	8782178.273	2963.474	80.4	430.	4300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-10/08/80	11	2.633	2.912	3.968	1.633	0.5	0.707	1.779	2.633	3.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =		816.484								3.901

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GREE0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-10/08/80	10	14.	13.03	23.	0.	79.831	8.935	0.2	5.	21.5	23.
00300	OXYGEN, DISSOLVED MG/L	12/18/73-10/08/80	9	9.6	9.211	11.2	6.8	2.144	1.464	6.8	7.7	10.15	11.2
00400	PH (STANDARD UNITS)	12/18/73-10/08/80	10	7.	7.154	8.24	6.27	0.322	0.567	6.318	6.863	7.495	8.206
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-10/08/80	10	7.	6.89	8.24	6.27	0.399	0.632	6.318	6.863	7.495	8.206
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-10/08/80	10	0.1	0.129	0.537	0.006	0.023	0.153	0.006	0.036	0.139	0.501
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-10/08/80	10	2900.	4505.3	9300.	43.	183863	18.678	4287.927	53.7	735.	9300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-10/08/80	10	3.405	3.243	3.968	1.633	0.682	0.826	1.688	2.77	3.968	3.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1749.854								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GREE0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-10/08/80	6	11.	11.5	24.	1.	74.7	8.643	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/18/73-10/08/80	6	11.3	11.017	12.5	8.5	2.222	1.491	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-10/08/80	6	6.85	6.883	7.3	6.7	0.05	0.223	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-10/08/80	6	6.847	6.844	7.3	6.7	0.052	0.227	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-10/08/80	6	0.142	0.143	0.2	0.05	0.003	0.056	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-10/08/80	6	430.	741.667	2300.	430.	582816.667	763.424	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-10/08/80	6	2.633	2.755	3.362	2.633	0.088	0.297	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			568.65								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GREE0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-10/08/80	6	16.5	14.333	26.	0.	137.867	11.742	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/18/73-10/08/80	6	10.1	10.167	12.6	8.2	3.195	1.787	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-10/08/80	6	7.615	7.697	9.61	6.36	1.181	1.087	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-10/08/80	6	7.584	7.014	9.61	6.36	1.741	1.319	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-10/08/80	6	0.026	0.097	0.437	0.	0.028	0.169	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-10/08/80	6	3300.	42672.667	240000.	43.	9356908323.067	96731.114	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-10/08/80	6	3.498	3.324	5.38	1.633	1.887	1.374	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2110.119								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station GREE0026

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-10/08/80	17	23.	22.412	28.	13.	17.226	4.15	17.	19.5	26.	27.2
00300	OXYGEN, DISSOLVED MG/L	12/18/73-10/08/80	17	8.5	9.082	14.	6.8	3.593	1.895	7.12	7.8	9.55	12.4
00400	PH (STANDARD UNITS)	12/18/73-10/08/80	17	7.2	7.281	9.61	6.36	0.652	0.807	6.392	6.75	7.525	8.642
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-10/08/80	17	7.2	6.897	9.61	6.36	0.808	0.899	6.392	6.75	7.525	8.642
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-10/08/80	17	0.063	0.127	0.437	0.	0.019	0.139	0.003	0.03	0.189	0.406
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-10/08/80	16	3300.	32238.125	240000.	430.	5726976469.583	75676.79	430.	430.	9300.	219000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-10/08/80	16	3.498	3.544	5.38	2.633	0.84	0.917	2.633	2.633	3.968	5.34
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3498.737								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station GREE0026

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-10/08/80	30	5	5.653	16	0	17.796	4.218	0.37	2	9.25	12.7
00300	OXYGEN, DISSOLVED MG/L	12/18/73-10/08/80	28	11.3	11.543	15	9	3.354	1.831	9.09	10.125	12.475	15
00400	PH (STANDARD UNITS)	12/18/73-10/08/80	29	6.9	6.862	8.24	4.8	0.532	0.73	6	6.6	7.25	7.88
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-10/08/80	29	6.9	6.061	8.24	4.8	1.198	1.094	6	6.6	7.25	7.88
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-10/08/80	29	0.126	0.87	15.849	0.006	8.85	2.975	0.013	0.057	0.258	1
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-10/08/80	30	430	2435.833	23000	43	26962180.144	5192.512	43	230	1650	9300
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-10/08/80	30	2.633	2.707	4.362	1.633	0.56	0.749	1.633	2.362	3.213	3.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			509.812								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GREE0026

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-10/08/80	10	18.	18.5	27.	13.	17.833	4.223	13.	16.	20.75	26.6
00300	OXYGEN, DISSOLVED MG/L	12/18/73-10/08/80	10	9.5	9.64	13.8	6.	7.587	2.754	6.06	7.35	11.95	13.72
00400	PH (STANDARD UNITS)	12/18/73-10/08/80	8	7.3	7.274	7.8	6.5	0.185	0.43	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-10/08/80	8	7.3	7.073	7.8	6.5	0.231	0.48	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-10/08/80	8	0.05	0.085	0.316	0.016	0.01	0.1	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-10/08/80	10	4100.	4052.3	9300.	93.	10024688.456	3166.179	126.7	1832.5	5550.	9300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-10/08/80	10	3.612	3.375	3.968	1.968	0.387	0.622	2.035	3.18	3.717	3.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2373.473								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GREE0027

NPS Station ID: GREE0027
 Location: PAINT B AT COLLEGE PARK, MD
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02070010
 Major Basin:
 Minor Basin:
 RF1 Index: 02070010
 RF3 Index: 02070010059601.50
 Description:

LAT/LON: 39.021115/ -76.945837

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 4.50

Agency: 112WRD
 FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
 STORET Station ID(s): 01649200
 Within Park Boundary: No

Date Created: 06/01/96

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.21

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: GREE0027

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/94-08/24/94	1	17.5	17.5	17.5	17.5	0.	0.	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/24/94-08/24/94	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00025 BAROMETRIC PRESSURE (MM OF HG)	08/24/94-08/24/94	1	767.	767.	767.	767.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	08/24/94-08/24/94	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/94-08/24/94	1	186.	186.	186.	186.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	08/24/94-08/24/94	1	9.9	9.9	9.9	9.9	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	08/24/94-08/24/94	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	08/24/94-08/24/94	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/24/94-08/24/94	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	08/24/94-08/24/94	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	08/24/94-08/24/94	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/24/94-08/24/94	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00453 BICARBONATE, WATER, DISS, INCR TIT, FIELD, AS HCO3, MG/L	08/24/94-08/24/94	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00608 NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/24/94-08/24/94	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00613 NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/24/94-08/24/94	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00623 NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/24/94-08/24/94	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/24/94-08/24/94	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	08/24/94-08/24/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00671 PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/24/94-08/24/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS CA)	08/24/94-08/24/94	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	08/24/94-08/24/94	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS NA)	08/24/94-08/24/94	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	08/24/94-08/24/94	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	08/24/94-08/24/94	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	08/24/94-08/24/94	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	08/24/94-08/24/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SI02)	08/24/94-08/24/94	1	9.3	9.3	9.3	9.3	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	08/24/94-08/24/94	1	160.	160.	160.	160.	0.	0.	**	**	**	**
01056 MANGANESE, DISSOLVED (UG/L AS MN)	08/24/94-08/24/94	1	30.	30.	30.	30.	0.	0.	**	**	**	**
04024 PROPACHLOR, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	08/24/94-08/24/94	1 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
04028 BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	08/24/94-08/24/94	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
04035 SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	08/24/94-08/24/94	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
04037 PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	08/24/94-08/24/94	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
04040 DEETHYL ATRAZINE, DISSOLVED, WATER, TOT REC UG/L	08/24/94-08/24/94	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
04041 CYANAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	08/24/94-08/24/94	1 ##	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
04095 FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	08/24/94-08/24/94	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
34253 A-BHC-ALPHA DISSUG/L	08/24/94-08/24/94	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
34653 P,P'-DDE DISSUG/L	08/24/94-08/24/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GREE0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
38933	CHLORPYRIFOS,DISSOLVED UG/L	08/24/94-08/24/94	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
39086	ALKALINITY, WATER, DISS, INCR TIT, FIELD, AS CACO3, MG/L	08/24/94-08/24/94	1	26.	26.	26.	26.	0.	0.	**	**	**	**
39341	GAMMA-BHC(LINDANE),DISSOLVED,UG/L	08/24/94-08/24/94	1 ##	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	08/24/94-08/24/94	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
39415	METOLACHLOR, WATER, DISSOLVED UG/L	08/24/94-08/24/94	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
39532	MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	08/24/94-08/24/94	1 ##	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	08/24/94-08/24/94	1 ##	0.011	0.011	0.011	0.011	0.	0.	**	**	**	**
39572	DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	08/24/94-08/24/94	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
39632	ATRAZINE DISSOLVED IN WATER PPB	08/24/94-08/24/94	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	08/24/94-08/24/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/24/94-08/24/94	1	101.	101.	101.	101.	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	08/24/94-08/24/94	1	3.	3.	3.	3.	0.	0.	**	**	**	**
82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	08/24/94-08/24/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82660	DIETHYLANILINE, 2, 6-,0.7UM FILT,TOT RECV,WTR UG/L	08/24/94-08/24/94	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	08/24/94-08/24/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82662	DIMETHOATE, 0.7 UM FILT,TOT RECV, WATER UG/L	08/24/94-08/24/94	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	08/24/94-08/24/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	08/24/94-08/24/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	08/24/94-08/24/94	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	08/24/94-08/24/94	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	08/24/94-08/24/94	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	08/24/94-08/24/94	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	08/24/94-08/24/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	08/24/94-08/24/94	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	08/24/94-08/24/94	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	08/24/94-08/24/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	08/24/94-08/24/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	08/24/94-08/24/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	08/24/94-08/24/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	08/24/94-08/24/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	08/24/94-08/24/94	1 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
82678	TRIALATE, 0.7 UM FILT, TOT RECV, WATER UG/L	08/24/94-08/24/94	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	08/24/94-08/24/94	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	08/24/94-08/24/94	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	08/24/94-08/24/94	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	08/24/94-08/24/94	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	08/24/94-08/24/94	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	08/24/94-08/24/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	08/24/94-08/24/94	1 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	08/24/94-08/24/94	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	08/24/94-08/24/94	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GREE0027

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
			Obs			Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00								
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00								
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00								
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00								
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00								
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00								
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00								
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00								
		Drinking Water	250.	1	0	0.00	1	0	0.00								
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00								
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00								
04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVER	Drinking Water	4.	1	0	0.00	1	0	0.00								

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GREE0027

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
34653 P,P'-DDE, DISSOLVED	Fresh Acute	1050.	1	0	0.00	1	0	0.00									
38933 CHLORPYRIFOS, DISSOLVED	Fresh Acute	0.083	1	0	0.00	1	0	0.00									
39341 GAMMA-BHC(LINDANE), DISSOLVED	Fresh Acute	2.	1	0	0.00	1	0	0.00									
	Drinking Water	0.2	1	0	0.00	1	0	0.00									
39381 DIELDIN IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	2.5	1	0	0.00	1	0	0.00									
39542 PARATHION IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	0.065	1	0	0.00	1	0	0.00									
39632 ATRAZINE DISSOLVED IN WATER	Drinking Water	3.	1	0	0.00	1	0	0.00									
46342 ALACHLOR (LASSO), WATER, DISSOLVED	Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GREE0028

NPS Station ID: GREE0028
Location: PAINT B AT CO
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 02070010
Major Basin:
Minor Basin:
RF1 Index: 02070010
RF3 Index: 02070010059601.50
Description:

LAT/LON: 39.021115/ -76.945837

Depth of Water: 0
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 4.50

Agency: 11TRAIN
FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
STORET Station ID(s): 01649200
Within Park Boundary: No

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.21

Date Created: 02/22/97

On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: GREE0028

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** Data for this station locked by controlling agency *****												

Station Inventory for Station: GREE0029

NPS Station ID: GREE0029

Location: SLIGO CREEK NEAR LOUIS'S JOGGING TRACK BRIDGE

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes: 0214001 000600 00070 0110 0050 0120

RMI-Miles: 0016.37 0018.31 029.55 004.28 005.40 007.80

HUC: 02070010

Major Basin: NORTH ATLANTIC

Minor Basin: POTOMAC RIVER

RF1 Index: 02070010030

RF3 Index: 02070010008001.78

Description:

ESTABLISHED TO DEMONSTRATE STORAGE PROCEDURES AND AS A TEST STATION FOR SOFTWARE TESTING ETC

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LAT/LON: 39.021198/ -76.971060

Depth of Water: 5

Elevation: 0

RF1 Mile Point: 6.420

RF3 Mile Point: 5.74

Agency: EXAMPLE

FIPS State/County: 24031 MARYLAND/MONTGOMERY

STORET Station ID(s): SEMINAR01 /TEST001A /JOYCE06

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 15.80

Distance from RF3: 0.24

Date Created: 01/11/85

On/Off RF1: OFF

On/Off RF3:

Parameter Inventory for Station: GREE0029

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** Data for this station locked by controlling agency *****												

Station Inventory for Station: GREE0030

NPS Station ID: GREE0030
 Location: BEAVERDAM C AG RSH CNTR BLTSVILL
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes: 0214001 002640 00220 0080
 RMI-Miles: 0109.10 0011.70 003.10 002.40
 HUC: 02070010
 Major Basin: NORTH ATLANTIC
 Minor Basin: POTOMAC R
 RF1 Index: 02070010
 RF3 Index: 02070010067500.00
 Description:

LAT/LON: 39.021392/ -76.859449

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 0.00

Agency: 21MDPGHD
 FIPS State/County: 24033 MARYLAND/PRINCE GEORGES
 STORET Station ID(s): A-14 /243010 /PO-A-14
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.01

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: GREE0030

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-01/06/81	61	10.	10.664	22.	0.	52.389	7.238	1.	4.	18.	20.
00300 OXYGEN, DISSOLVED MG/L	12/18/73-01/06/81	60	10.	10.062	15.	4.8	6.678	2.584	6.44	7.65	11.75	14.13
00400 PH (STANDARD UNITS)	12/18/73-01/06/81	59	6.59	6.639	8.1	5.15	0.349	0.591	6.	6.2	7.1	7.5
00400 CONVERTED PH (STANDARD UNITS)	12/18/73-01/06/81	59	6.59	6.248	8.1	5.15	0.505	0.711	6.	6.2	7.1	7.5
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-01/06/81	59	0.257	0.565	7.079	0.008	1.249	1.118	0.032	0.079	0.631	1.
01000 ARSENIC, DISSOLVED (UG/L AS AS)	10/27/75-02/23/76	5	3.	4.6	12.	1.	19.3	4.393	**	**	**	**
30000 DIMETHOATE, SOIL, RECOVERABLE MG/KG	10/27/75-02/23/76	5	12.	12.2	15.	7.	10.7	3.271	**	**	**	**
31501 COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/26/76-01/06/81	36	3100.	21057.361	460000.	43.	5791998996.98	76105.184	78.	555.	13575.	29000.
31501 LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	04/26/76-01/06/81	36	3.476	3.438	5.663	1.633	0.916	0.957	1.868	2.717	4.124	4.443
31501 GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2741.213								
31505 COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/18/73-02/23/76	16	4300.	30453.125	240000.	150.	4466612276.25	66832.719	192.	930.	23000.	177000.
31505 LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	12/18/73-02/23/76	16	3.633	3.613	5.38	2.176	0.919	0.958	2.278	2.968	4.362	5.237
31505 GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			4100.677								
31515 INVALID PARM	12/31/74-08/25/75	8	1215.	304532.25	2400000.	23.716991952233.357	846753.773		**	**	**	**
31615 FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-01/06/81	61	230.	48703.525	2400000.	4.96993806432.12	311438.287	16.6	43.	1500.	9300.	
31615 LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-01/06/81	61	2.362	2.535	6.38	0.602	1.281	1.132	1.213	1.633	3.176	3.968
31615 GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			342.487								
40000 INVALID PARAMETER	10/27/75-01/26/76	4	6.75	6.725	7.2	6.2	0.303	0.55	**	**	**	**
50531 BENZENE, 1,2-PROPADIENYL- UG/L	10/27/75-02/23/76	5	1500.	1656.	4300.	150.	2878430.	1696.594	**	**	**	**
61500 MERCURY SLUDGE SOLID FRACTN,DRY WT,MG/KG	10/27/75-02/23/76	5	23.	38.22	93.	9.1	1083.742	32.92	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GREE0030

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
			Obs			Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	60	0	0.00	17	0	0.00	32	0	0.00	11	0	0.00			
00400 PH	Fresh Chronic	9.	59	0	0.00	17	0	0.00	32	0	0.00	10	0	0.00			
	Other-Lo Lim.	6.5	59	26	0.44	17	6	0.35	32	16	0.50	10	4	0.40			
01000 ARSENIC, DISSOLVED	Fresh Acute	360.	5	0	0.00				5	0	0.00						
	Drinking Water	50.	5	0	0.00				5	0	0.00						
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	36	26	0.72	12	12	1.00	17	9	0.53	7	5	0.71			
31505 COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	16	11	0.69	3	3	1.00	11	6	0.55	2	2	1.00			
31615 FECAL COLIFORM, MPN	Other-Hi Lim.	200.	61	36	0.59	17	16	0.94	33	12	0.36	11	8	0.73			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station GREE0030

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-01/06/81	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/18/73-01/06/81	1	11.	11.	11.	11.	0.	0.	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-01/06/81	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-01/06/81	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-01/06/81	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-01/06/81	1	230.	230.	230.	230.	0.	0.	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-01/06/81	1	2.362	2.362	2.362	2.362	0.	0.	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =		230.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GREE0030

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-01/06/81	11	11.	11.682	21.5	4.	42.564	6.524	4.	5.	17.5
00300	OXYGEN, DISSOLVED MG/L	12/18/73-01/06/81	11	7.6	8.473	11.9	5.8	5.392	2.322	5.88	6.4	11.2
00400	PH (STANDARD UNITS)	12/18/73-01/06/81	11	6.8	6.609	7.2	6.	0.149	0.386	6.04	6.2	6.9
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-01/06/81	11	6.8	6.457	7.2	6.	0.174	0.417	6.04	6.2	6.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-01/06/81	11	0.158	0.349	1.	0.063	0.091	0.302	0.076	0.126	0.631
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-01/06/81	11	230.	2657.909	23000.	23.	46133701.291	6792.179	27.	43.	1500.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-01/06/81	11	2.362	2.504	4.362	1.362	0.863	0.929	1.416	1.633	3.176
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =		319.09								4.162

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GREE0030

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-01/06/81	10	9.	10.35	20.	2.	39.614	6.294	2.2	4.375	16.75
00300	OXYGEN, DISSOLVED MG/L	12/18/73-01/06/81	10	9.5	9.32	12.3	5.8	5.088	2.256	5.95	7.375	11.65
00400	PH (STANDARD UNITS)	12/18/73-01/06/81	10	6.1	6.31	7.2	5.3	0.372	0.61	5.37	6.	6.975
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-01/06/81	10	6.089	5.983	7.2	5.3	0.491	0.701	5.37	6.	6.975
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-01/06/81	10	0.815	1.04	5.012	0.063	2.109	1.452	0.063	0.11	1.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-01/06/81	10	93.	240156.4	2400000.	9.575916633528.489	758891.714	10.4	23.	482.5	2160064.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-01/06/81	10	1.968	2.316	6.38	0.954	2.41	1.552	0.995	1.362	2.677
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =		206.918								6.023

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GREE0030

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-01/06/81	12	11.	10.167	21.	0.	72.333	8.505	0.3	1.25	19.5
00300	OXYGEN, DISSOLVED MG/L	12/18/73-01/06/81	11	13.5	12.955	15.	9.2	5.049	2.247	9.2	11.5	15.
00400	PH (STANDARD UNITS)	12/18/73-01/06/81	10	6.9	6.843	7.7	5.7	0.453	0.673	5.743	6.183	7.525
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-01/06/81	10	6.889	6.4	7.7	5.7	0.671	0.819	5.743	6.183	7.525
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-01/06/81	10	0.129	0.398	1.995	0.02	0.381	0.617	0.02	0.03	0.659
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-01/06/81	12	190.	732.917	4300.	23.	1684136.629	1297.743	23.	43.	805.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-01/06/81	12	2.269	2.288	3.633	1.362	0.568	0.753	1.362	1.633	2.885
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =		194.073								3.552

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GREE0030

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-01/06/81	10	8.	10.6	22.	0.	66.933	8.181	0.4	4.	19.5	21.9
00300	OXYGEN, DISSOLVED MG/L	12/18/73-01/06/81	10	10.05	9.68	14.2	4.8	7.74	2.782	4.96	7.825	11.5	13.99
00400	PH (STANDARD UNITS)	12/18/73-01/06/81	10	6.515	6.442	7.6	5.15	0.397	0.63	5.245	6.16	6.755	7.532
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-01/06/81	10	6.515	5.983	7.6	5.15	0.631	0.795	5.245	6.16	6.755	7.532
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-01/06/81	10	0.306	1.041	7.079	0.025	4.564	2.136	0.035	0.18	0.694	6.451
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-01/06/81	10	840.	2549.2	9300.	9.	13356800.4	3654.696	10.4	118.25	4050.	9300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-01/06/81	10	2.922	2.763	3.968	0.954	1.031	1.015	0.995	1.973	3.513	3.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			579.361								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GREE0030

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-01/06/81	6	10	10.583	19	3	41.842	6.469	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/18/73-01/06/81	6	9.6	9.55	12.3	7.5	3.383	1.839	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-01/06/81	6	7.3	7.433	8.1	7.1	0.135	0.367	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-01/06/81	6	7.3	7.338	8.1	7.1	0.146	0.382	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-01/06/81	6	0.05	0.046	0.079	0.008	0.001	0.026	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-01/06/81	6	680.	7919.833	23000.	9	136545964.167	11685.288	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-01/06/81	6	2.801	2.909	4.362	0.954	1.732	1.316	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			811.503							

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GREE0030

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-01/06/81	10	14.5	12.45	22.	0.	58.692	7.661	0.1	5.5	18.125	21.65
00300	OXYGEN, DISSOLVED MG/L	12/18/73-01/06/81	10	10.	9.82	13.3	7.5	2.813	1.677	7.53	8.625	10.825	13.06
00400	PH (STANDARD UNITS)	12/18/73-01/06/81	10	6.43	6.478	7.26	6.06	0.119	0.345	6.068	6.208	6.623	7.206
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-01/06/81	10	6.424	6.382	7.26	6.06	0.129	0.359	6.068	6.208	6.622	7.206
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-01/06/81	10	0.376	0.415	0.871	0.055	0.063	0.251	0.069	0.24	0.623	0.856
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-01/06/81	10	680.	807.8	2300.	4.	765268.178	874.796	4.5	13.5	1272.5	2300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-01/06/81	10	2.801	2.336	3.362	0.602	1.073	1.036	0.637	1.121	3.067	3.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			216.596								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GREE0030

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-01/06/81	1	2.	2.	2.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/18/73-01/06/81	1	11.5	11.5	11.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-01/06/81	1	6.77	6.77	6.77	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-01/06/81	1	6.77	6.77	6.77	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-01/06/81	1	0.17	0.17	0.17	0.	0.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-01/06/81	1	450000.	450000.	450000.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-01/06/81	1	5.653	5.653	5.653	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			450000.							

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station GREE0030

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-01/06/81	17	19.	18.5	22.	11.	9.438	3.072	11.8	17.5	20.5	22.
00300	OXYGEN, DISSOLVED MG/L	12/18/73-01/06/81	17	7.6	8.006	11.5	4.8	3.023	1.739	5.6	6.6	9.2	10.3
00400	PH (STANDARD UNITS)	12/18/73-01/06/81	17	6.72	6.798	7.7	6.	0.298	0.546	6.08	6.33	7.28	7.62
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-01/06/81	17	6.72	6.532	7.7	6.	0.373	0.611	6.08	6.33	7.28	7.62
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-01/06/81	17	0.191	0.294	1.	0.02	0.087	0.296	0.024	0.053	0.469	0.835
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-01/06/81	17	1500.	143792.353	2400000.	150.338067565906.618	581435.78	214.	785.	2300.	498400.	
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-01/06/81	17	3.176	3.28	6.38	2.176	0.905	0.951	2.325	2.887	3.362	4.765
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1903.954								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station GREE0030

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-01/06/81	33	4	5.076	15	0	15.502	3.937	0.2	2	8	11
00300	OXYGEN, DISSOLVED MG/L	12/18/73-01/06/81	32	11.25	11.347	15	7.4	3.788	1.946	9.12	10	12.25	14.79
00400	PH (STANDARD UNITS)	12/18/73-01/06/81	32	6.52	6.609	8.1	5.15	0.385	0.62	6	6.15	7.055	7.51
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-01/06/81	32	6.52	6.202	8.1	5.15	0.556	0.745	6	6.15	7.055	7.51
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-01/06/81	32	0.302	0.628	7.079	0.008	1.573	1.254	0.033	0.09	0.709	1
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-01/06/81	33	93	14768.121	450000	9.6122521100.11	78246.54	9	23	430	5952	
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-01/06/81	33	1.968	2.093	5.653	0.954	1.072	1.035	0.954	1.362	2.633	3.568
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			123.875								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GREE0030

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-01/06/81	11	16.	15.318	21.	7.	18.364	4.285	7.3	14.	18.5	20.6
00300	OXYGEN, DISSOLVED MG/L	12/18/73-01/06/81	11	8.4	9.5	15.	5.8	10.	3.162	5.92	6.8	13.	14.7
00400	PH (STANDARD UNITS)	12/18/73-01/06/81	10	6.56	6.465	7.2	5.3	0.31	0.557	5.37	6.15	6.925	7.18
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-01/06/81	10	6.559	6.082	7.2	5.3	0.473	0.687	5.37	6.15	6.925	7.18
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-01/06/81	10	0.276	0.827	5.012	0.063	2.249	1.5	0.067	0.119	0.723	4.611
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-01/06/81	11	430.	3554.273	23000.	4.	48841924.418	6988.7	7.8	150.	2300.	20260.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-01/06/81	11	2.633	2.708	4.362	0.602	1.191	1.091	0.754	2.176	3.362	4.283
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			510.793								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GREE0031

NPS Station ID: GREE0031
 Location: INDIAN C BELTSVILLE SUNNYSIDE AV
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes: 0214001 002640 00220
 RMI-Miles: 0109.10 0011.70 003.80
 HUC: 02070010
 Major Basin: NORTH ATLANTIC
 Minor Basin: POTOMAC R
 RF1 Index: 02070010
 RF3 Index: 02070010003105.72
 Description:

LAT/LON: 39.023059/ -76.903338

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 5.78

Agency: 21MDPGHD
 FIPS State/County: 24033 MARYLAND/PRINCE GEORGES
 STORET Station ID(s): A-17 /243013 /PO-A-17
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.02

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: GREE0031

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	59	10.	11.059	23.	0.	55.751	7.467	2.	4.5	19.	21.5
00300 OXYGEN, DISSOLVED MG/L	12/18/73-12/02/80	58	10.05	10.091	15.	4.9	6.906	2.628	6.4	8.1	11.575	14.05
00400 PH (STANDARD UNITS)	12/18/73-12/02/80	58	6.8	6.789	7.7	5.6	0.236	0.486	6.153	6.475	7.1	7.4
00400 CONVERTED PH (STANDARD UNITS)	12/18/73-12/02/80	58	6.8	6.506	7.7	5.6	0.318	0.564	6.153	6.475	7.1	7.4
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/02/80	58	0.158	0.312	2.512	0.02	0.207	0.455	0.04	0.079	0.337	0.708
01000 ARSENIC, DISSOLVED (UG/L AS AS)	10/27/75-03/22/76	6	4.	4.833	12.	1.	14.167	3.764	**	**	**	**
07000 TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	03/22/76-03/22/76	1	430.	430.	430.	430.	0.	0.	**	**	**	**
30000 DIMETHOATE, SOIL, RECOVERABLE MG/KG	10/27/75-03/22/76	6	13.	12.5	15.	9.	7.9	2.811	**	**	**	**
31501 COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/26/76-12/02/80	32	4300.	55550.625	1100000.	230.38689706309.274	196696.991	930.	2300.	15000.	117900.	
31501 LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,	04/26/76-12/02/80	32	3.633	3.841	6.041	2.362	0.605	0.778	2.968	3.362	4.176	5.013
31501 GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6930.358								
31505 COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/18/73-02/23/76	16	19500.	36664.375	240000.	430. 3450421506.25	58740.289	1739.	9300.	39500.	137100.	
31505 LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	12/18/73-02/23/76	16	4.283	4.188	5.38	2.633	0.431	0.657	3.143	3.968	4.591	5.092
31505 GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			15429.001								
31515 INVALID PARM	12/31/74-08/25/75	8	12150.	68307.5	460000.	930.25237884764.286	158864.36	**	**	**	**	**
31615 FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	57	930.	30041.842	1100000.	43.24511053165.207	156560.062	202.6	410.	3300.	9300.	
31615 LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	57	2.968	3.103	6.041	1.633	0.663	0.814	2.283	2.612	3.498	3.968
31615 GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1267.218								
40000 INVALID PARAMETER	10/27/75-03/22/76	6	6.75	6.633	7.1	5.6	0.299	0.547	**	**	**	**
50531 BENZENE, 1,2-PROPADIENYL- UG/L	10/27/75-02/23/76	5	15000.	29720.	93000.	2300. 1347597000.	36709.631	**	**	**	**	**
61500 MERCURY SLUDGE SOLID FRACTN,DRY WT,MG/KG	10/27/75-03/22/76	6	4300.	5155.	15000.	930. 25260150.	5025.948	**	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GREE0031

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	58	0	0.00	16	0	0.00	31	0	0.00	11	0	0.00			
00400 PH	Fresh Chronic	9.	58	0	0.00	16	0	0.00	32	0	0.00	10	0	0.00			
	Other-Lo Lim.	6.5	58	16	0.28	16	5	0.31	32	9	0.28	10	2	0.20			
01000 ARSENIC, DISSOLVED	Fresh Acute	360.	6	0	0.00				6	0	0.00						
	Drinking Water	50.	6	0	0.00				6	0	0.00						
07000 TRITIUM, TOTAL	Drinking Water	20000.	1	0	0.00				1	0	0.00						
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	32	28	0.88	10	10	1.00	15	12	0.80	7	6	0.86			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GREE0031

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	16	15	0.94	3	3	1.00	11	10	0.91	2	2	1.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	57	52	0.91	15	15	1.00	31	27	0.87	11	10	0.91			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station GREE0031

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	1	1.	1.	1.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/02/80	1	12.	12.	12.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-12/02/80	1	5.9	5.9	5.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/02/80	1	5.9	5.9	5.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/02/80	1	1.259	1.259	1.259	0.	0.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	1	290.	290.	290.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	1	2.462	2.462	2.462	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =		290.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GREE0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	11	12.	11.909	22.	4.5	43.491	6.595	4.6	5.	18.5	21.6
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/02/80	11	8.1	8.373	11.4	4.9	4.534	2.129	5.2	6.4	10.6	11.36
00400	PH (STANDARD UNITS)	12/18/73-12/02/80	11	6.6	6.6	7.4	6.	0.246	0.496	6.	6.2	6.9	7.4
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/02/80	11	6.6	6.394	7.4	6.	0.293	0.541	6.	6.2	6.9	7.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/02/80	11	0.251	0.404	1.	0.04	0.127	0.356	0.04	0.126	0.631	1.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	11	430.	1543.273	9300.	43.	7217450.018	2686.531	53.	230.	2100.	7900.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	11	2.633	2.74	3.968	1.633	0.448	0.669	1.7	2.362	3.322	3.847
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			549.465								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GREE0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	10	9.75	11.15	21.5	4.	41.725	6.459	4.05	4.875	17.25	21.45
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/02/80	10	9.75	9.36	12.	6.3	3.443	1.855	6.33	7.725	10.7	11.9
00400	PH (STANDARD UNITS)	12/18/73-12/02/80	10	6.75	6.69	7.1	5.6	0.201	0.448	5.68	6.55	7.1	7.1
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/02/80	10	6.747	6.386	7.1	5.6	0.304	0.551	5.68	6.55	7.1	7.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/02/80	10	0.179	0.412	2.512	0.079	0.554	0.744	0.079	0.079	0.288	2.301
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	10	2300.	48968.3	460000.	93.20877177255.567	144489.367	106.7	230.	6975.	415500.	
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	10	3.362	3.349	5.663	1.968	1.133	1.065	2.008	2.362	3.769	5.514
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2233.399								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GREE0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	12	11.	11.125	22.	0.5	73.46	8.571	0.95	3.	20.5	22.
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/02/80	11	13.8	12.982	15.	9.4	5.246	2.29	9.42	11.	15.	15.
00400	PH (STANDARD UNITS)	12/18/73-12/02/80	11	7.	7.029	7.7	6.4	0.213	0.461	6.42	6.6	7.5	7.7
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/02/80	11	7.	6.838	7.7	6.4	0.253	0.503	6.42	6.6	7.5	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/02/80	11	0.1	0.145	0.398	0.02	0.016	0.128	0.02	0.032	0.251	0.382
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	12	1800.	2120.	4300.	230.	2124763.636	1457.657	386.	930.	3800.	4300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	12	3.249	3.206	3.633	2.362	0.141	0.375	2.516	2.968	3.566	3.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1606.947								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GREE0031

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	10	8.	10.6	22.	1.	74.489	8.631	1.1	2.	20.25	21.9
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/02/80	10	8.9	8.85	13.8	4.9	6.494	2.548	5.03	6.95	10.4	13.49
00400	PH (STANDARD UNITS)	12/18/73-12/02/80	10	6.955	6.859	7.31	5.7	0.204	0.452	5.798	6.77	7.125	7.299
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/02/80	10	6.953	6.52	7.31	5.7	0.331	0.576	5.798	6.77	7.125	7.299
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/02/80	10	0.112	0.302	1.995	0.049	0.357	0.597	0.05	0.075	0.171	1.817
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	9	930.	128561.111	1100000.	230.132898827361.111	364552.914	230.	430.	26150.	1100000.	
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	9	2.968	3.471	6.041	2.362	1.476	1.215	2.362	2.633	4.301	6.041
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2955.507								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GREE0031

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	6	8.75	9.75	20.	2.	43.675	6.609	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/02/80	6	10.5	10.15	12.4	6.9	3.731	1.932	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-12/02/80	6	6.65	6.733	7.4	6.3	0.243	0.493	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/02/80	6	6.522	6.542	7.4	6.3	0.287	0.535	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/02/80	6	0.301	0.287	0.501	0.04	0.055	0.235	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	6	930.	1603.333	4300.	230.	2200706.667	1483.478	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	6	2.968	3.044	3.633	2.362	0.186	0.432	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1105.933								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GREE0031

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	9	12.	12.333	23.	0.	73.75	8.588	0.	4.	19.5	23.
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/02/80	9	10.4	10.6	14.	7.4	4.578	2.14	7.4	8.8	12.3	14.
00400	PH (STANDARD UNITS)	12/18/73-12/02/80	9	6.93	6.896	7.61	6.17	0.241	0.491	6.17	6.43	7.3	7.61
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/02/80	9	6.93	6.663	7.61	6.17	0.302	0.55	6.17	6.43	7.3	7.61
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/02/80	9	0.117	0.217	0.676	0.025	0.053	0.231	0.025	0.05	0.391	0.676
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	8	930.	1665.75	4300.	43.	3142487.643	1772.706	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	8	2.968	2.85	3.633	1.633	0.546	0.739	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			708.16								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station GREE0031

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	16	20.5	19.375	23.	12.	12.017	3.467	12.	19.	21.875	22.3
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/02/80	16	7.9	8.319	12.8	4.9	4.223	2.055	5.88	6.675	9.475	11.54
00400	PH (STANDARD UNITS)	12/18/73-12/02/80	16	7.125	6.988	7.7	6.	0.311	0.558	6.203	6.35	7.475	7.7
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/02/80	16	7.124	6.661	7.7	6.	0.425	0.652	6.203	6.35	7.475	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/02/80	16	0.075	0.218	1.	0.02	0.077	0.278	0.02	0.034	0.455	0.659
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	15	2300.	33405.333	460000.	230.13935419498.095	118048.378	650.	930.	4300.	189580.	
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	15	3.362	3.432	5.663	2.362	0.563	0.75	2.726	2.968	3.633	4.646
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2703.214								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station GREE0031

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	32	4.75	5.219	14.	0.	13.499	3.674	0.65	2.	8.	10.7
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/02/80	31	10.9	11.197	15.	7.6	3.936	1.984	8.72	9.9	12.	14.9
00400	PH (STANDARD UNITS)	12/18/73-12/02/80	32	6.7	6.653	7.4	5.6	0.151	0.389	6.051	6.425	6.908	7.1
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/02/80	32	6.7	6.45	7.4	5.6	0.194	0.44	6.051	6.425	6.908	7.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/02/80	32	0.2	0.355	2.512	0.04	0.228	0.478	0.079	0.124	0.378	0.903
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	31	930.	1849.742	15000.	43.	8153433.131	2855.422	93.	230.	2300.	4300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	31	2.968	2.874	4.176	1.633	0.411	0.641	1.968	2.362	3.362	3.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			748.363								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GREE0031

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	11	16	15.955	22	8	17.323	4.162	8.4	14	19	21.6
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/02/80	11	8.1	9.555	15	4.9	12.089	3.477	5.16	6.4	13.6	14.76
00400	PH (STANDARD UNITS)	12/18/73-12/02/80	10	7.1	6.909	7.4	5.7	0.303	0.551	5.75	6.65	7.32	7.395
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/02/80	10	7.1	6.487	7.4	5.7	0.501	0.708	5.75	6.65	7.32	7.395
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/02/80	10	0.079	0.326	1.995	0.04	0.375	0.613	0.04	0.048	0.277	1.859
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	11	930	104905.727	1100000	93.109081956098.818	330275.576	120.4	430	4300	888600	
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	11	2.968	3.299	6.041	1.968	1.326	1.151	2.047	2.633	3.633	5.76
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1989.774								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GREE0032

NPS Station ID: GREE0032
Location: SUNNYSIDE AVE. CROSSING
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 02070010
Major Basin: NORTH ATLANTIC
Minor Basin: POTOMAC RIVER
RF1 Index: 02070010
RF3 Index: 02070010002500.00

LAT/LON: 39.023088/ -76.903559

Agency: 21MDEXP
FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
STORET Station ID(s): INC0036
Within Park Boundary: No

Date Created: 10/11/80

Depth of Water: 0
Elevation: 0

RF1 Mile Point: 0.000
RF3 Mile Point: 2.13

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.12

On/Off RF1:
On/Off RF3:

Description:
02-14-02-05 ANACOSTIA RIVER DRAINAGE
RECEIVING TRIBUTARY IS NORTHEAST BRANCH

INDIAN CREEK RIVER MILE IS 3.60
SUNNYSIDE AVE. CROSSING

Parameter Inventory for Station: GREE0032

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
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***** Data for this station locked by controlling agency *****

Station Inventory for Station: GREE0033

NPS Station ID: GREE0033
 Location: BEAVERDAM C AG RSCH C BELTSVILLE
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes: 0214001 002640 00220 0080
 RMI-Miles: 0109.10 0011.70 003.10 001.30
 HUC: 02070010
 Major Basin: NORTH ATLANTIC
 Minor Basin: POTOMAC R
 RF1 Index: 02070010
 RF3 Index: 02070010064402.34
 Description:

LAT/LON: 39.023337/ -76.879170

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 2.33

Agency: 21MDPGHD
 FIPS State/County: 24033 MARYLAND/PRINCE GEORGES
 STORET Station ID(s): A-15 /243011 /PO-A-15
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.04

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: GREE0033

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	58	10.	11.091	24.	0.	57.456	7.58	0.27	4.	18.625	21.05
00300 OXYGEN, DISSOLVED MG/L	12/18/73-12/02/80	55	9.4	8.993	15.	3.	8.653	2.942	5.36	6.5	10.8	13.34
00400 PH (STANDARD UNITS)	12/18/73-12/02/80	56	6.5	6.513	8.55	5.49	0.287	0.535	5.873	6.133	6.9	7.1
00400 CONVERTED PH (STANDARD UNITS)	12/18/73-12/02/80	56	6.5	6.252	8.55	5.49	0.356	0.596	5.873	6.132	6.9	7.1
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/02/80	56	0.316	0.559	3.236	0.003	0.443	0.666	0.079	0.126	0.737	1.346
01000 ARSENIC, DISSOLVED (UG/L AS AS)	10/27/75-03/22/76	6	3.	4.167	12.	0.	16.567	4.07	**	**	**	**
07000 TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	03/22/76-03/22/76	1	43.	43.	43.	43.	0.	0.	**	**	**	**
30000 DIMETHOATE, SOIL, RECOVERABLE MG/KG	10/27/75-03/22/76	6	12.5	12.167	15.	7.	9.767	3.125	**	**	**	**
31501 COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/26/76-12/02/80	31	4300.	23276.871	240000.	43.	2374897322.183	48732.918	270.	430.	23000.	93000.
31501 LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,	04/26/76-12/02/80	31	3.633	3.57	5.38	1.633	0.887	0.942	2.416	2.633	4.362	4.968
31501 GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3714.385								
31505 COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/18/73-02/23/76	16	12150.	119611.438	1100000.	93.82703369843.729	287581.936	328.9	697.5	38000.	652000.	
31505 LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	12/18/73-02/23/76	16	4.072	3.916	6.041	1.968	1.374	1.172	2.434	2.769	4.566	5.776
31505 GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			8243.791								
31515 INVALID PARM	12/31/74-08/25/75	8	965.	59327.5	460000.	230.26219517078.571	161924.418	**	**	**	**	**
31615 FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	56	430.	24185.125	460000.	4.7616638046.439	87273.352	23.	55.5	6700.	44000.	
31615 LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	56	2.633	2.785	5.663	0.602	1.507	1.228	1.362	1.717	3.815	4.544
31615 GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			609.644								
40000 INVALID PARAMETER	10/27/75-03/22/76	6	6.75	6.617	6.9	5.8	0.174	0.417	**	**	**	**
50531 BENZENE, 1,2-PROPADIENYL- UG/L	10/27/75-02/23/76	5	1500.	2724.6	9300.	93.	14276580.8	3778.436	**	**	**	**
61500 MERCURY SLUDGE SOLID FRACTN,DRY WT,MG/KG	10/27/75-03/22/76	6	141.5	198.167	430.	23.	38937.367	197.326	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GREE0033

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	55	3	0.05	16	3	0.19	28	0	0.00	11	0	0.00			
00400 PH	Fresh Chronic	9.	56	0	0.00	16	0	0.00	30	0	0.00	10	0	0.00			
	Other-Lo Lim.	6.5	56	29	0.52	16	7	0.44	30	16	0.53	10	6	0.60			
01000 ARSENIC, DISSOLVED	Fresh Acute	360.	6	0	0.00				6	0	0.00						
	Drinking Water	50.	6	0	0.00				6	0	0.00						
07000 TRITIUM, TOTAL	Drinking Water	20000.	1	0	0.00				1	0	0.00						
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	31	20	0.65	11	10	0.91	13	5	0.38	7	5	0.71			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GREE0033

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	16	12	0.75	3	3	1.00	11	7	0.64	2	2	1.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	56	36	0.64	16	15	0.94	29	12	0.41	11	9	0.82			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station GREE0033

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/02/80	1	10.8	10.8	10.8	10.8	0.	0.	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-12/02/80	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/02/80	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/02/80	1	3.162	3.162	3.162	3.162	0.	0.	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	1	93.	93.	93.	93.	0.	0.	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	1	1.968	1.968	1.968	1.968	0.	0.	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =		93.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GREE0033

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	11	12.	11.455	21.5	4.	43.873	6.624	4.	4.5	18.
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/02/80	11	7.2	8.018	10.8	5.3	4.834	2.199	5.32	6.2	10.6
00400	PH (STANDARD UNITS)	12/18/73-12/02/80	11	6.7	6.627	7.1	6.	0.124	0.352	6.04	6.3	7.
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/02/80	11	6.7	6.493	7.1	6.	0.144	0.38	6.04	6.3	7.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/02/80	11	0.2	0.322	1.	0.079	0.081	0.284	0.084	0.1	0.501
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	11	750.	49087.	460000.	4.18676945220.6	136663.621	21.8	150.	23000.	372600.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	11	2.875	3.212	5.663	0.602	2.115	1.454	0.875	2.176	4.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =		1629.745								5.403

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GREE0033

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	10	9.25	10.65	21.	3.	42.558	6.524	3.1	4.	17.
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/02/80	10	8.85	8.74	11.	5.6	4.109	2.027	5.64	6.9	10.65
00400	PH (STANDARD UNITS)	12/18/73-12/02/80	10	6.3	6.35	6.9	5.9	0.127	0.357	5.91	6.	6.7
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/02/80	10	6.289	6.232	6.9	5.9	0.143	0.378	5.91	6.	6.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/02/80	10	0.515	0.586	1.259	0.126	0.167	0.408	0.133	0.2	1.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	10	235.	46292.2	460000.	23.21130339400.844	145362.785	23.	23.	697.5	414150.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	10	2.371	2.429	5.663	1.362	1.74	1.319	1.362	1.362	2.769
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =		268.821								5.414

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GREE0033

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	12	11.	10.75	24.	0.	84.75	9.206	0.	1.5	19.5
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/02/80	11	11.	11.691	15.	8.4	6.067	2.463	8.52	9.8	14.4
00400	PH (STANDARD UNITS)	12/18/73-12/02/80	11	6.9	6.781	8.55	5.7	0.596	0.772	5.72	6.14	7.
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/02/80	11	6.9	6.324	8.55	5.7	0.827	0.909	5.72	6.14	7.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/02/80	11	0.126	0.475	1.995	0.003	0.468	0.684	0.018	0.1	0.724
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	12	430.	1466.833	9300.	23.	7532514.152	2744.543	23.	43.	1357.5
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	12	2.633	2.484	3.968	1.362	0.761	0.872	1.362	1.633	3.124
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =		305.106								7800.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GREE0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	9	10.	11.222	23.	0.	78.944	8.885	0.	3.	20.	23.
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/02/80	9	7.5	8.322	14.8	3.	14.232	3.773	3.	5.4	11.2	14.8
00400	PH (STANDARD UNITS)	12/18/73-12/02/80	9	6.19	6.237	7.	5.49	0.163	0.404	5.49	6.1	6.47	7.
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/02/80	9	6.19	6.07	7.	5.49	0.195	0.441	5.49	6.1	6.47	7.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/02/80	9	0.646	0.851	3.236	0.1	0.859	0.927	0.1	0.34	0.794	3.236
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	8	330.	3968.625	23000.	23.	65669121.696	8103.649	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	8	2.498	2.604	4.362	1.362	1.094	1.046	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			401.459								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GREE0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	5	11.5	11.9	20.	4.5	35.425	5.952	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/02/80	5	6.7	7.2	10.4	4.	7.115	2.667	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-12/02/80	5	7.	6.94	7.6	6.3	0.258	0.508	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/02/80	5	7.	6.726	7.6	6.3	0.315	0.562	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/02/80	5	0.1	0.188	0.501	0.025	0.038	0.195	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	5	930.	20736.6	93000.	23.	1646626857.8	40578.65	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	5	2.968	3.18	4.968	1.362	1.867	1.367	**	**	**	**
31615	GM FECAL COLIFORM MPN EC MED 44.5C (TUBE 31614)	GEOMETRIC MEAN =			1514.011								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GREE0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	10	12.	12.1	23.	0.	68.1	8.252	0.	5.25	19.25	22.7
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/02/80	8	9.2	8.588	12.9	3.8	9.016	3.003	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-12/02/80	9	6.28	6.378	7.13	5.81	0.135	0.367	5.81	6.185	6.575	7.13
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/02/80	9	6.28	6.26	7.13	5.81	0.151	0.388	5.81	6.185	6.575	7.13
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/02/80	9	0.525	0.55	1.549	0.074	0.18	0.425	0.074	0.27	0.658	1.549
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	9	1500.	22040.111	93000.	15.	1623845727.861	40296.969	15.	58.	50250.	93000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	9	3.176	3.092	4.968	1.176	1.96	1.4	1.176	1.665	4.422	4.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1234.883								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station GREE0033

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	16	20.	18.906	23.	10.	13.741	3.707	11.4	18.	21.375	23.
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/02/80	16	6.25	6.675	10.4	3.	5.106	2.26	3.56	5.35	8.85	10.26
00400	PH (STANDARD UNITS)	12/18/73-12/02/80	16	6.555	6.669	8.55	6.	0.351	0.593	6.07	6.3	6.925	7.556
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/02/80	16	6.553	6.466	8.55	6.	0.395	0.629	6.07	6.3	6.925	7.556
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/02/80	16	0.28	0.342	1.	0.003	0.072	0.269	0.053	0.125	0.501	0.856
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	16	5900.	72738.75	460000.	150.23774935371.667	154191.23	206.	510.	75500.	460000.	
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	16	3.754	3.743	5.663	2.176	1.293	1.137	2.306	2.694	4.817	5.663
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5538.358								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station GREE0033

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	31	4	5.268	14	0	17.896	4.23	0	2	8.5	11.9
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/02/80	28	10.6	10.739	15	6.7	5.617	2.37	7.16	9.25	11.7	14.82
00400	PH (STANDARD UNITS)	12/18/73-12/02/80	30	6.32	6.43	7.6	5.49	0.283	0.532	5.71	6.09	6.9	7.09
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/02/80	30	6.313	6.15	7.6	5.49	0.364	0.604	5.71	6.09	6.9	7.09
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/02/80	30	0.487	0.709	3.236	0.025	0.704	0.839	0.081	0.126	0.819	1.954
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	29	93	1046.241	23000	4	18026795.618	4245.797	23	23	430	930
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	29	1.968	2.064	4.362	0.602	0.607	0.779	1.362	1.362	2.633	2.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			115.888								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GREE0033

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	11	16.5	16.136	24.	7.	22.355	4.728	7.5	14.	19.	23.2
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/02/80	11	7.9	7.918	11.	4.6	5.496	2.344	4.76	5.8	10.4	10.98
00400	PH (STANDARD UNITS)	12/18/73-12/02/80	10	6.41	6.51	7.1	5.9	0.188	0.434	5.92	6.1	7.	7.09
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/02/80	10	6.41	6.338	7.1	5.9	0.221	0.47	5.92	6.1	7.	7.09
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/02/80	10	0.389	0.459	1.259	0.079	0.152	0.39	0.081	0.1	0.794	1.212
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	11	1500.	14564.182	93000.	23.	752202154.564	27426.304	23.	430.	23000.	79000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	11	3.176	3.292	4.968	1.362	1.391	1.18	1.362	2.633	4.362	4.847
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1959.284								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GREE0034

NPS Station ID: GREE0034
 Location: PAINT BRANCH AT POWDER MILL ROAD
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes: 0214001 002640
 RMI-Miles: 0109.10 0016.50
 HUC: 02060006
 Major Basin: NORTH ATLANTIC
 Minor Basin: POTOMAC RIVER
 RF1 Index: 02060006
 RF3 Index: 02070010003102.43
 Description:

LAT/LON: 39.031670/ -76.975837

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 10.35

Agency: 21MDMONT
 FIPS State/County: 24033 MARYLAND/PRINCE GEORGES
 STORET Station ID(s): 50110
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.26

On/Off RF1:
 On/Off RF3:

STATION ESTABLISHED ON PAINT BRANCH ON POWDER MILL RD FIFTY FT UPSTREAM FROM BRIDGE CROSSING ON POWDERMILL ROAD. ESTABLISHED JANUARY 1971.

Parameter Inventory for Station: GREE0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/71-06/04/91	197	12.7	12.008	23.2	-1.	52.418	7.24	1.88	6.	19.	21.22
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/25/71-06/04/91	191	15.	14.513	33.	-5.	73.462	8.571	5.	9.	21.5	25.
00032	CLOUD COVER (PERCENT)	01/25/71-06/04/91	197	25.	43.909	100.	0.	1965.257	44.331	0.	0.	100.	100.
00075	TURBIDITY, HELLOGE (PPM AS SILICON DIOXIDE)	01/11/72-11/11/77	78	5.	14.553	116.	0.	553.38	23.524	1.	3.	13.25	41.1
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/03/78-04/07/81	41	4.8	17.932	200.	1.1	1347.232	36.705	1.6	2.7	14.	65.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/14/85-06/04/91	48	169.5	216.771	1690.	86.	57406.606	239.597	135.7	155.25	179.75	218.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/20/80-03/02/87	74	150.	286.595	8000.	55.	849701.861	921.793	109.5	130.	180.	252.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/85-06/04/91	47	9.7	10.264	13.8	7.8	2.797	1.672	8.3	9.	11.9	12.84
00300	OXYGEN, DISSOLVED MG/L	01/25/71-04/07/81	147	10.6	10.781	15.2	7.1	3.593	1.896	8.5	9.2	12.2	13.72
00301p	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/25/71-10/04/88	94	95.95	96.427	117.2	74.8	76.696	8.758	85.15	90.7	102.2	109.75
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/11/72-12/11/90	187	1.5	2.421	96.	0.	50.095	7.078	0.5	1.	2.4	3.7
00400p	PH (STANDARD UNITS)	01/25/71-06/04/91	183	7.1	7.199	8.8	6.4	0.168	0.41	6.8	6.9	7.4	7.66
00400p	CONVERTED PH (STANDARD UNITS)	01/25/71-06/04/91	183	7.1	7.05	8.8	6.4	0.19	0.436	6.8	6.9	7.4	7.66
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/71-06/04/91	183	0.079	0.089	0.398	0.002	0.005	0.072	0.022	0.04	0.126	0.158
00403p	PH, LAB, STANDARD UNITS SU	01/11/72-03/02/87	196	7.2	7.15	8.3	6.	0.177	0.421	6.5	7.	7.4	7.6
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/11/72-03/02/87	196	7.2	6.934	8.3	6.	0.225	0.474	6.5	7.	7.4	7.6
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/11/72-03/02/87	196	0.063	0.117	1.	0.005	0.023	0.151	0.025	0.04	0.1	0.316
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/15/75-07/15/75	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CaCO3)	10/05/83-10/05/83	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00500p	RESIDUE, TOTAL (MG/L)	09/04/75-02/06/90	67	97.	142.433	1865.	5.	57010.795	238.769	69.6	84.	118.	180.8
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/07/83-03/02/87	43	110.	119.674	333.	37.	2317.034	48.136	74.8	89.	141.	155.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/12/86-12/11/90	40	2.25	7.731	76.	0.25	217.338	14.742	0.5	1.25	6.75	20.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	03/07/83-12/11/90	52 ##	0.023	0.074	0.5	0.01	0.013	0.113	0.015	0.015	0.065	0.293
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/88-09/07/88	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00612	AMMONIA, UNIONIZED (MG/L AS N)	07/11/89-07/24/89	2 ##	0.265	0.265	0.28	0.25	0.	0.021	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/20/80-03/02/87	83	0.012	0.044	0.8	0.	0.011	0.103	0.	0.005	0.05	0.05
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/20/80-02/06/90	104	1.2	1.34	7.	0.005	1.023	1.012	0.48	0.8	1.4	2.55
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/12/86-12/11/90	41	0.3	0.517	1.7	0.025	0.16	0.4	0.1	0.25	0.85	1.08
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/72-12/11/90	137	1.25	1.469	4.07	0.2	0.483	0.695	0.8	1.	1.82	2.57
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/11/72-06/05/80	108	0.115	0.173	1.94	0.015	0.049	0.222	0.04	0.07	0.198	0.294
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/12/86-12/11/90	41	0.03	0.06	0.48	0.005	0.008	0.09	0.006	0.015	0.06	0.108
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/12/86-12/11/90	38	0.02	0.032	0.16	0.005	0.001	0.034	0.005	0.01	0.04	0.09
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/12/86-12/11/90	37 ##	0.01	0.011	0.03	0.005	0.	0.008	0.005	0.005	0.015	0.03
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/07/83-03/02/87	33	2.3	2.852	6.8	0.2	2.673	1.635	1.32	1.65	3.65	5.76
00916	CALCIUM, TOTAL (MG/L AS Ca)	03/07/83-03/02/87	46	12.75	14.85	137.	3.	352.818	18.783	7.	9.7	15.	17.72
00940	CHLORIDE,TOTAL IN WATER MG/L	05/20/80-03/02/87	79	27.	31.88	150.	0.5	651.886	25.532	12.	17.	33.	57.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GREE0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00951	FLUORIDE, TOTAL (MG/L AS F)	03/07/83-05/09/84	12	0.1	0.112	0.26	0.04	0.004	0.066	0.04	0.07	0.12	0.248
00955	SILICA, DISSOLVED (MG/L AS SiO2)	03/20/90-12/11/90	16	4.6	4.688	8.3	3.3	1.224	1.106	3.37	4.25	4.9	6.06
01002	ARSENIC, TOTAL (UG/L AS AS)	02/28/83-12/08/83	7	0.3	0.357	1.	0.	0.156	0.395	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	02/28/83-01/25/84	12	35.	57.5	160.	0.	2693.182	51.896	3.	20.	92.5	154.
01027	CADMIUM, TOTAL (UG/L AS CD)	05/20/80-03/02/87	80	1.	1.834	20.	0.	9.038	3.006	0.	0.5	2.	3.9
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/20/80-05/09/84	46	2.5	4.736	46.	0.	62.686	7.917	0.07	0.5	6.	12.3
01042	COPPER, TOTAL (UG/L AS CU)	03/07/83-03/02/87	47	4.	21.296	752.	0.	11891.346	109.047	1.8	3.	7.	10.6
01051	LEAD, TOTAL (UG/L AS PB)	05/20/80-03/02/87	80	2.	6.005	141.	0.	327.725	18.103	0.	0.5	4.	10.9
01067	NICKEL, TOTAL (UG/L AS NI)	02/28/83-05/09/84	13	10.	29.923	284.	0.	5856.41	76.527	0.4	3.5	13.5	177.6
01077	SILVER, TOTAL (UG/L AS AG)	02/28/83-01/25/84	12	0.5	1.	5.	0.	2.182	1.477	0.	0.	1.75	4.1
01092	ZINC, TOTAL (UG/L AS ZN)	05/20/80-03/02/87	79	5.	10.905	111.	0.	353.933	18.813	0.5	2.	12.	23.
01147	SELENIUM, TOTAL (UG/L AS SE)	02/28/83-05/09/84	11	0.3	0.264	0.6	0.	0.051	0.225	0.	0.	0.4	0.6
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/14/80-12/11/90	131	2300.	7061.847	240000.	8.	542734852.546	23296.67	230.	540.	4600.	16000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/14/80-12/11/90	131	3.362	3.253	5.38	0.903	0.573	0.757	2.362	2.732	3.663	4.204
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1792.458								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/11/72-11/27/79	102	2300.	20764.147	460000.	9.	3772708831.651	61422.381	230.	930.	11000.	45100.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/11/72-11/27/79	102	3.362	3.457	5.663	0.954	0.76	0.872	2.362	2.968	4.041	4.654
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			2866.162								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/11/72-11/27/79	102	230.	6517.529	460000.	1.52077666269.177	45581.425	40.9	105.75	2300.	4510.	
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/11/72-11/27/79	102	2.362	2.632	5.663	0.176	0.765	0.875	1.611	2.023	3.362	3.654
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			428.944								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/14/80-12/11/90	95	290.	2933.011	110000.	8.	142714690.266	11946.325	42.2	150.	2100.	4056.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/14/80-12/11/90	95	2.462	2.631	5.041	0.903	0.596	0.772	1.625	2.176	3.322	3.608
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			427.702								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	06/08/83-11/17/83	5	1000.	1370.	3000.	900.	834500.	913.51	**	**	**	**
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	06/08/83-11/17/83	5	3.	3.081	3.477	2.954	0.05	0.223	**	**	**	**
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			1206.033								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/20/80-03/02/87	77	0.03	0.092	2.	0.	0.056	0.237	0.005	0.008	0.1	0.204
71885	IRON (UG/L AS FE)	07/09/80-11/03/80	5	170.	238.	550.	60.	34570.	185.93	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/03/79-04/07/81	19	0.35	0.375	0.98	0.17	0.031	0.177	0.21	0.3	0.39	0.62
71890	MERCURY, DISSOLVED (UG/L AS HG)	02/28/83-05/09/84	4	0.025	0.038	0.1	0.	0.002	0.048	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	05/20/80-12/27/82	33	25.	172.355	1000.	0.05	66057.147	257.016	0.158	0.27	280.	680.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GREE0034

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
			Obs			Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	41	4	0.10	14	0.07	18	2	0.11	9	1	0.11			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	47	0	0.00	15	0	0.00	17	0	0.00	15	0	0.00		
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	147	0	0.00	44	0	0.00	64	0	0.00	39	0	0.00		
00400	PH	Fresh Chronic	9.	183	0	0.00	52	0	0.00	79	0	0.00	52	0	0.00		
		Other-Lo Lim.	6.5	183	6	0.03	52	1	0.02	79	4	0.05	52	1	0.02		
00403	PH, LAB	Fresh Chronic	9.	196	0	0.00	60	0	0.00	88	0	0.00	48	0	0.00		
		Other-Lo Lim.	6.5	196	21	0.11	60	6	0.10	88	12	0.14	48	3	0.06		
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	83	0	0.00	28	0	0.00	37	0	0.00	18	0	0.00		
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	104	0	0.00	37	0	0.00	43	0	0.00	24	0	0.00		
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	137	0	0.00	41	0	0.00	60	0	0.00	36	0	0.00		
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	79	0	0.00	25	0	0.00	36	0	0.00	18	0	0.00		
		Drinking Water	250.	79	0	0.00	25	0	0.00	36	0	0.00	18	0	0.00		
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	12	0	0.00	4	0	0.00	4	0	0.00	4	0	0.00		
01002	ARSENIC, TOTAL	Fresh Acute	360.	7	0	0.00	2	0	0.00	3	0	0.00	2	0	0.00		
		Drinking Water	50.	7	0	0.00	2	0	0.00	3	0	0.00	2	0	0.00		
01007	BARIUM, TOTAL	Drinking Water	2000.	12	0	0.00	4	0	0.00	5	0	0.00	3	0	0.00		
01027	CADMIUM, TOTAL	Fresh Acute	3.9	80	8	0.10	26	0	0.00	36	5	0.14	18	3	0.17		
		Drinking Water	5.	80	6	0.08	26	0	0.00	36	3	0.08	18	3	0.17		
01034	CHROMIUM, TOTAL	Drinking Water	100.	46	0	0.00	15	0	0.00	19	0	0.00	12	0	0.00		
01042	COPPER, TOTAL	Fresh Acute	18.	47	3	0.06	15	1	0.07	22	0	0.00	10	2	0.20		
		Drinking Water	1300.	47	0	0.00	15	0	0.00	22	0	0.00	10	0	0.00		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

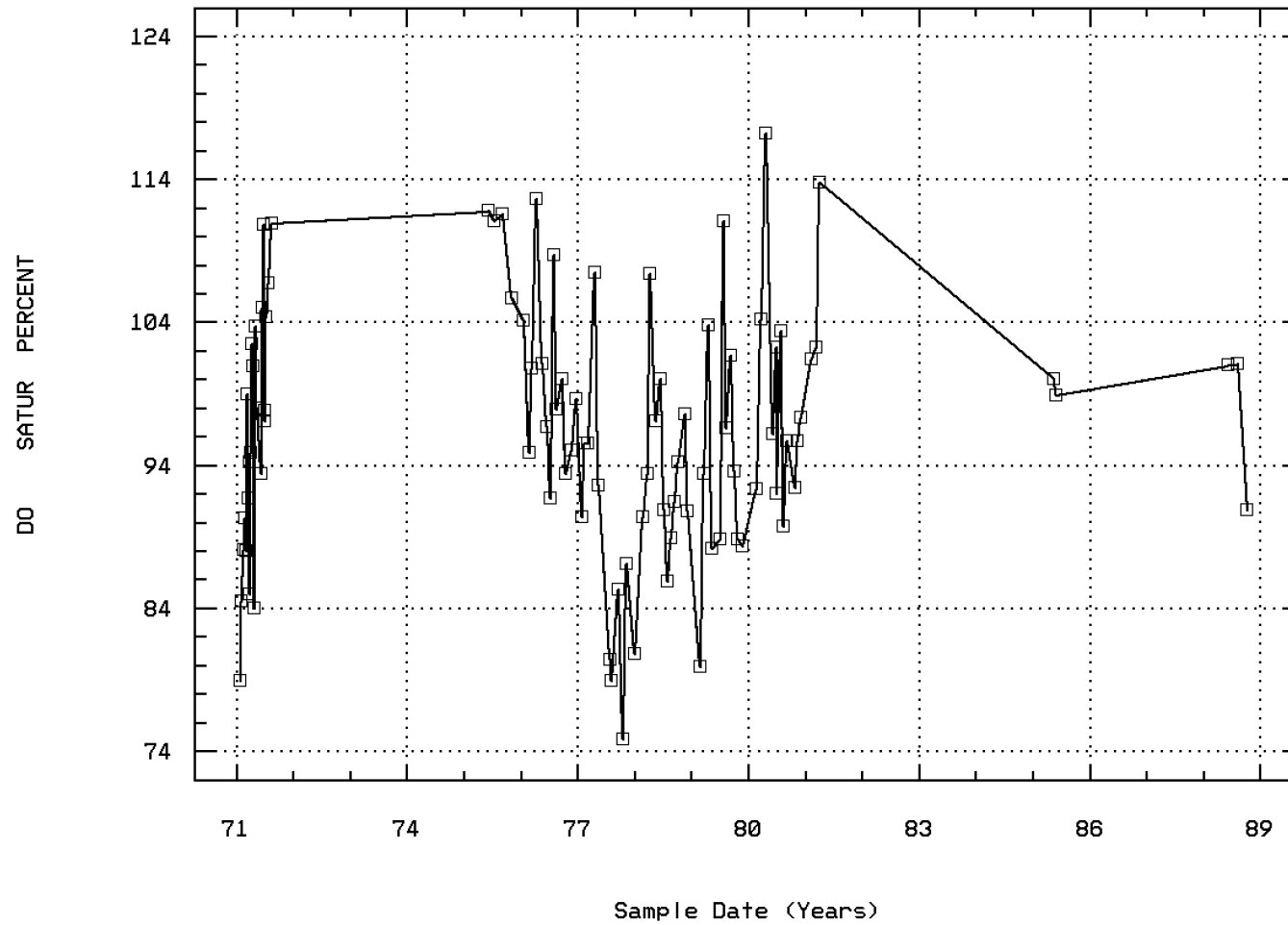
EPA Water Quality Criteria Analysis for Station: GREE0034

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
01051	LEAD, TOTAL					Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
	Fresh Acute	82.	80	1	0.01	26	1	0.04	36	0	0.00	18	0	0.00			
	Drinking Water	15.	80	4	0.05	26	2	0.08	36	2	0.06	18	0	0.00			
01067	NICKEL, TOTAL																
	Fresh Acute	1400.	13	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00			
	Drinking Water	100.	13	1	0.08	4	1	0.25	5	0	0.00	4	0	0.00			
01077	SILVER, TOTAL																
	Fresh Acute	4.1	12	1	0.08	4	0	0.00	5	1	0.20	3	0	0.00			
	Drinking Water	100.	12	0	0.00	4	0	0.00	5	0	0.00	3	0	0.00			
01092	ZINC, TOTAL																
	Fresh Acute	120.	79	0	0.00	26	0	0.00	35	0	0.00	18	0	0.00			
	Drinking Water	5000.	79	0	0.00	26	0	0.00	35	0	0.00	18	0	0.00			
01147	SELENIUM, TOTAL																
	Fresh Acute	20.	11	0	0.00	4	0	0.00	4	0	0.00	3	0	0.00			
	Drinking Water	50.	11	0	0.00	4	0	0.00	4	0	0.00	3	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C																
	Other-Hi Lim.	1000.	131	90	0.69	43	34	0.79	57	32	0.56	31	24	0.77			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C																
	Other-Hi Lim.	1000.	102	66	0.65	32	26	0.81	44	23	0.52	26	17	0.65			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION																
	Other-Hi Lim.	200.	102	67	0.66	32	27	0.84	44	24	0.55	26	16	0.62			
31615	FECAL COLIFORM, MPN																
	Other-Hi Lim.	200.	94 &	66	0.70	32	26	0.81	38	24	0.63	24	16	0.67			
71890	MERCURY, DISSOLVED																
	Fresh Acute	2.4	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
	Drinking Water	2.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: GREE0034 Parameter Code: 00301

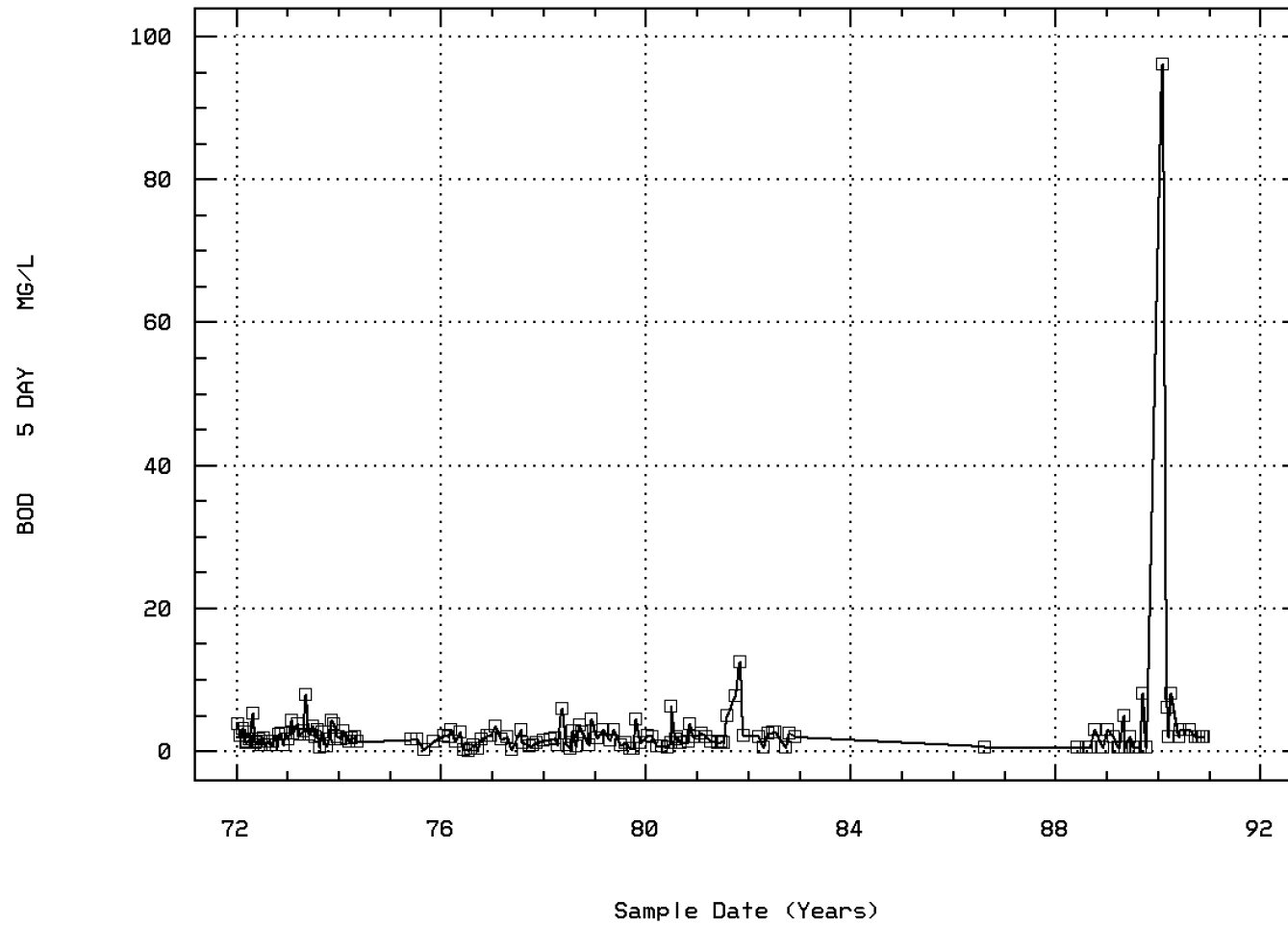
OXYGEN, DISSOLVED, PERCENT OF SATURATIO



PAINT BRANCH AT POWDER MILL ROAD

Station: GREE0034 Parameter Code: 00310

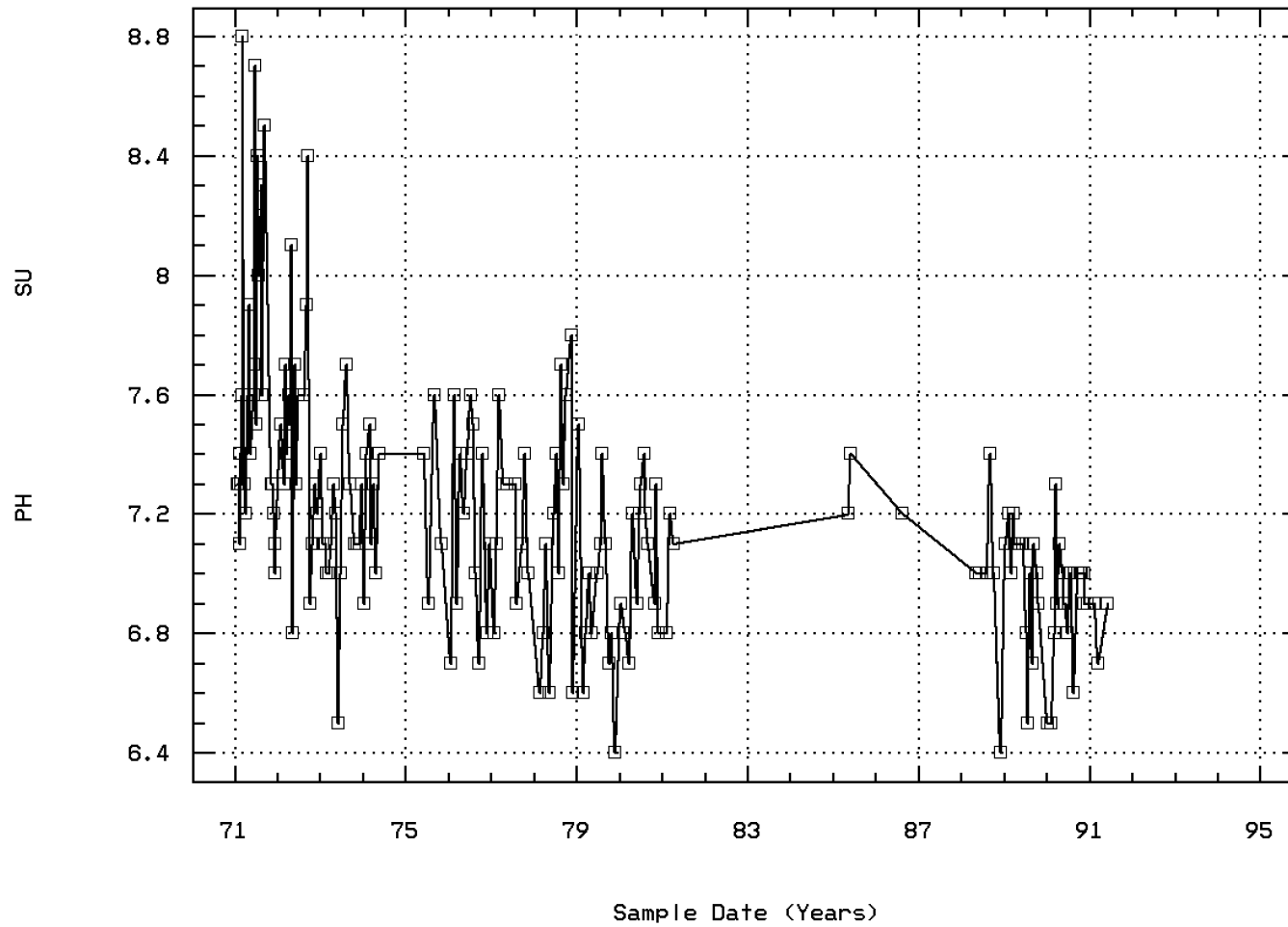
BOD, 5 DAY, 20 DEG C



PAINT BRANCH AT POWDER MILL ROAD

Station: GREE0034 Parameter Code: 00400

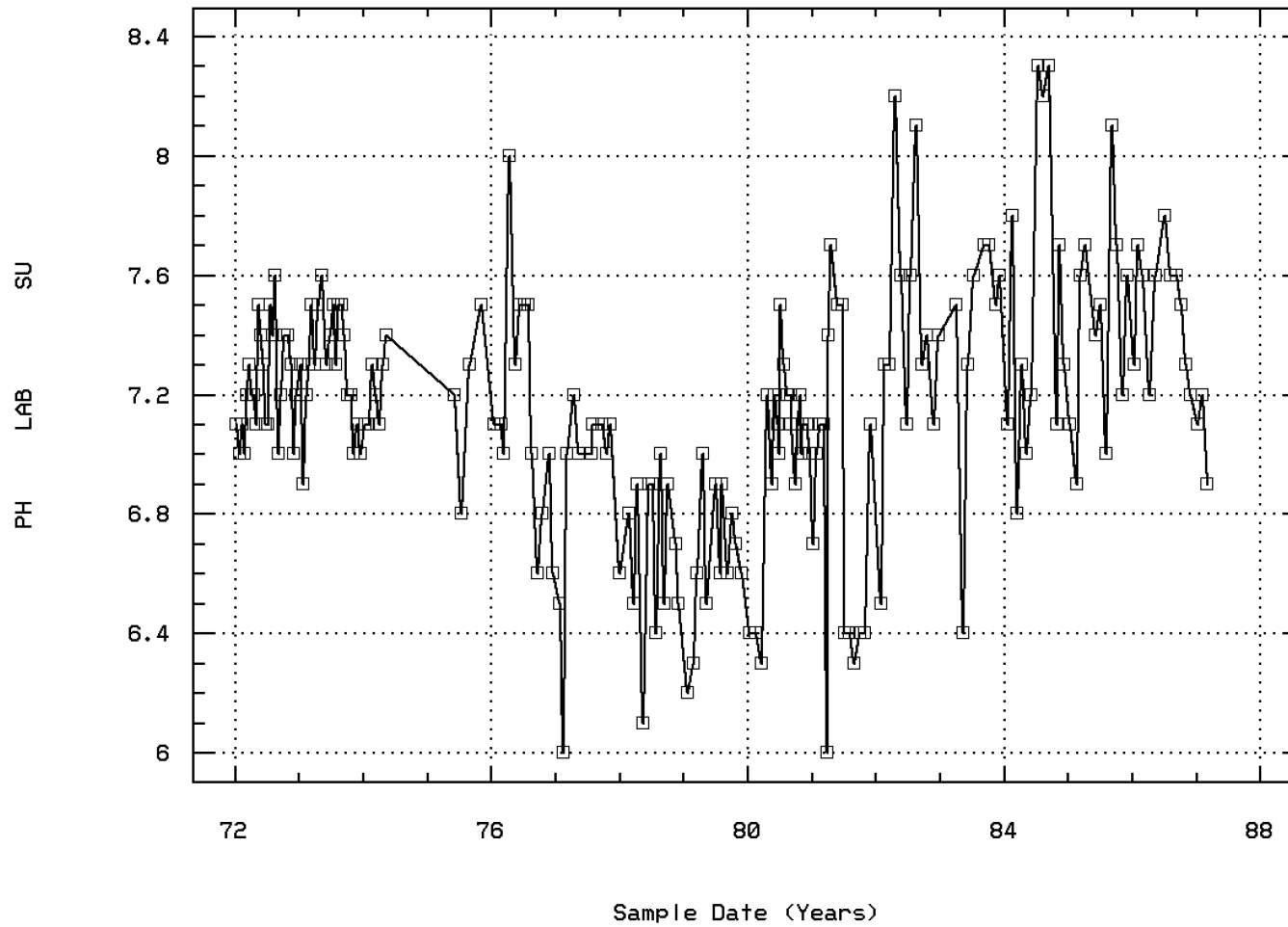
PH (STANDARD UNITS)



PAINT BRANCH AT POWDER MILL ROAD

Station: GREE0034 Parameter Code: 00403

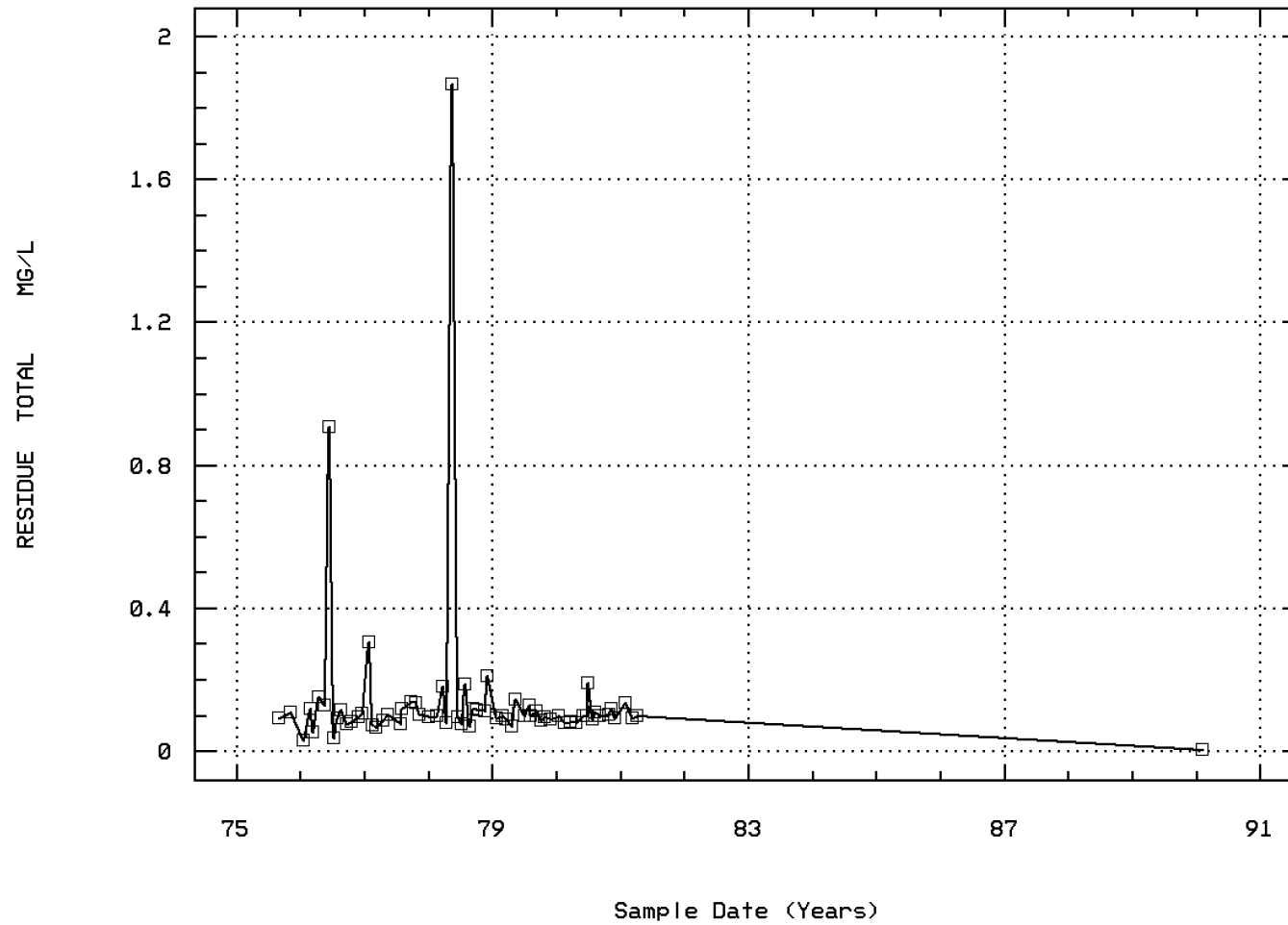
PH, LAB, STANDARD UNITS



PAINT BRANCH AT POWDER MILL ROAD

Station: GREE0034 Parameter Code: 00500

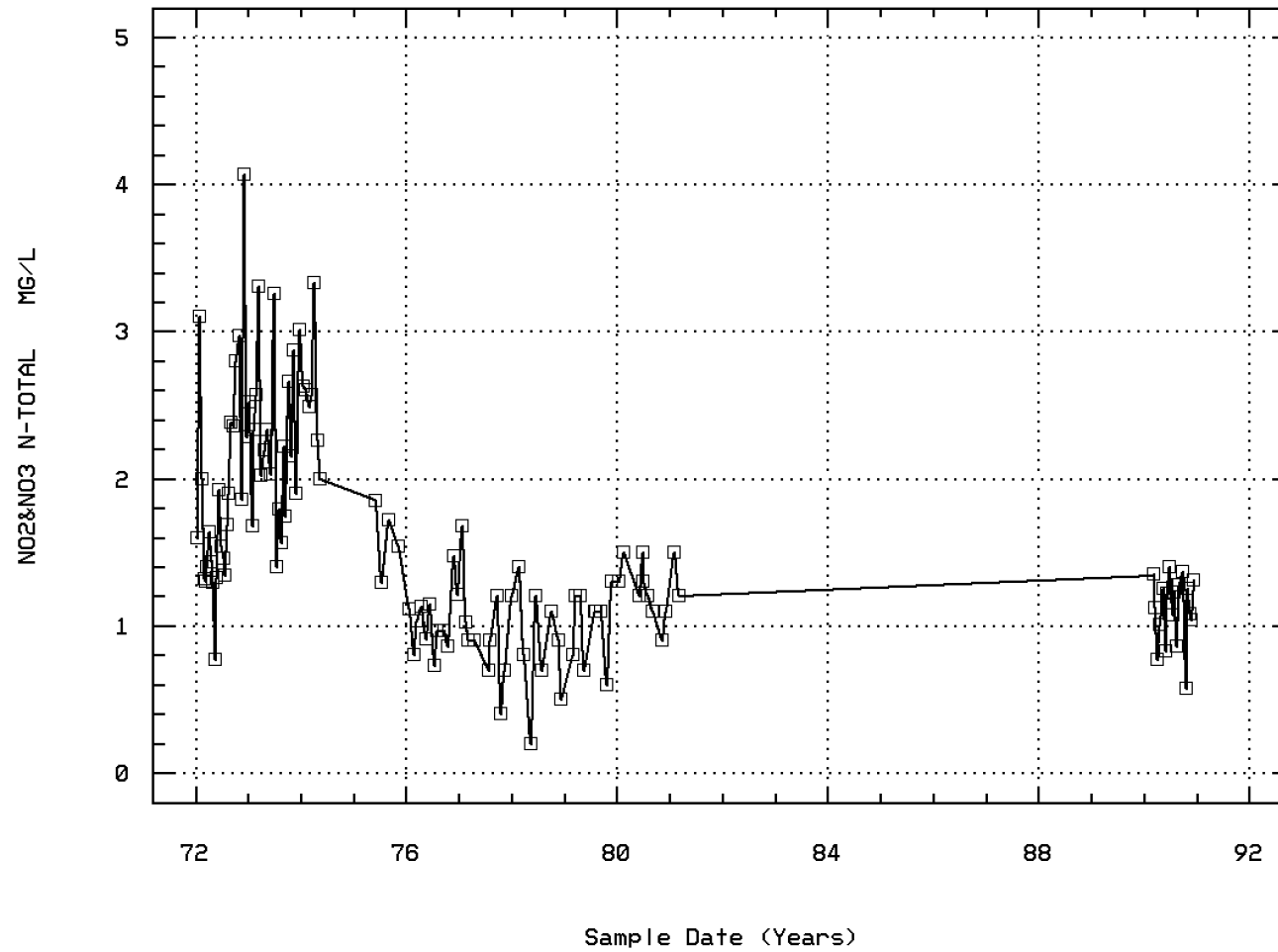
(X 1000)
RESIDUE, TOTAL (MG/L)



PAINT BRANCH AT POWDER MILL ROAD

Station: GREE0034 Parameter Code: 00630

NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/



PAINT BRANCH AT POWDER MILL ROAD

Annual Analysis for 1971 - Station GREE0034

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/71-06/04/91	32	9.	11.906	23.	0.	55.959	7.481	2.3	6.25	21.	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/25/71-06/04/91	32	11.5	13.625	28.	-3.	90.048	9.489	1.9	9.	24.	26.
00032	CLOUD COVER (PERCENT)	01/25/71-06/04/91	32	25.	38.281	100.	0.	1854.209	43.061	0.	0.	100.	100.
00300p	OXYGEN, DISSOLVED MG/L	01/25/71-04/07/81	30	10.95	10.813	13.7	8.6	1.598	1.264	9.04	9.7	11.85	12.39
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/25/71-10/04/88	23	97.1	96.078	110.9	78.9	78.555	8.863	84.2	88.1	103.7	109.16
00400p	PH (STANDARD UNITS)	01/25/71-06/04/91	28	7.55	7.654	8.8	7.	0.257	0.507	7.1	7.3	7.975	8.52
00400p	CONVERTED PH (STANDARD UNITS)	01/25/71-06/04/91	28	7.547	7.455	8.8	7.	0.298	0.546	7.1	7.3	7.975	8.52
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/71-06/04/91	28	0.028	0.035	0.1	0.002	0.001	0.027	0.003	0.011	0.05	0.079

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station GREE0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/71-06/04/91	24	11.5	10.917	21.	0.	39.732	6.303	1.5	6.	16.	19.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/25/71-06/04/91	24	14.5	13.5	27.	1.	55.217	7.431	2.	7.	19.75	23.
00032	CLOUD COVER (PERCENT)	01/25/71-06/04/91	24	0.	40.625	100.	0.	2272.418	47.67	0.	0.	100.	100.
00075	TURBIDITY, HELLOGE (PPM AS SILICON DIOXIDE)	01/11/72-11/11/77	24	3.25	12.817	75.	0.5	407.054	20.176	2.	2.625	10.5	52.
00300p	OXYGEN, DISSOLVED MG/L	01/25/71-04/07/81	24	10.5	10.575	14.	8.1	3.597	1.897	8.35	8.75	12.075	13.55
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/11/72-12/11/90	24	1.35	1.817	5.3	0.8	1.155	1.075	0.85	1.025	2.375	3.4
00400p	PH (STANDARD UNITS)	01/25/71-06/04/91	18	7.5	7.494	8.4	6.8	0.157	0.396	6.89	7.275	7.7	8.13
00400p	CONVERTED PH (STANDARD UNITS)	01/25/71-06/04/91	18	7.5	7.341	8.4	6.8	0.182	0.426	6.89	7.275	7.7	8.13
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/71-06/04/91	18	0.032	0.046	0.158	0.004	0.002	0.041	0.008	0.02	0.053	0.129
00403p	PH, LAB, STANDARD UNITS SU	01/11/72-03/02/87	24	7.2	7.233	7.6	7.	0.031	0.176	7.	7.1	7.4	7.5
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/11/72-03/02/87	24	7.2	7.201	7.6	7.	0.032	0.179	7.	7.1	7.4	7.5
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/11/72-03/02/87	24	0.063	0.063	0.1	0.025	0.001	0.024	0.032	0.04	0.079	0.1
00630p	NITRITE PLUS NITRATE, TOTAL I DET. (MG/L AS N)	01/11/72-12/11/90	24	1.665	1.906	4.07	0.77	0.551	0.743	1.295	1.355	2.34	3.035
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/11/72-06/05/80	24	0.19	0.268	1.94	0.04	0.151	0.389	0.05	0.078	0.275	0.565
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/11/72-11/27/79	24	2300.	10076.333	93000.	9.	452467112.493	21271.274	151.5	750.	8850.	43000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/11/72-11/27/79	24	3.362	3.274	4.968	0.954	0.823	0.907	2.145	2.875	3.945	4.633
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1881.34								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/11/72-11/27/79	24	230.	952.292	4300.	1.5	1933732.803	1390.587	12.25	99.75	930.	4100.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/11/72-11/27/79	24	2.362	2.406	3.633	0.176	0.849	0.922	0.769	1.996	2.968	3.612
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			254.477								

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Annual Analysis for 1973 - Station GREE0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/71-06/04/91	20	12.5	12.55	22.	1.	59.629	7.722	1.1	6.	20.	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/25/71-06/04/91	18	16.5	16.167	25.	2.	55.324	7.438	4.7	8.75	22.25	25.
00032	CLOUD COVER (PERCENT)	01/25/71-06/04/91	20	87.5	58.75	100.	0.	2254.934	47.486	0.	0.	100.	100.
00075	TURBIDITY, HELLOGE (PPM AS SILICON DIOXIDE)	01/11/72-11/11/77	20	8.	24.	116.	0.	1204.	34.699	0.1	2.	34.5	99.8
00300p	OXYGEN, DISSOLVED MG/L	01/25/71-04/07/81	20	10.4	10.805	14.4	8.1	4.583	2.141	8.23	8.725	12.55	14.16
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/11/72-12/11/90	20	2.4	2.65	7.9	0.5	2.793	1.671	0.64	1.625	3.625	4.29
00400p	PH (STANDARD UNITS)	01/25/71-06/04/91	17	7.1	7.165	7.7	6.5	0.066	0.257	6.9	7.05	7.3	7.54
00400p	CONVERTED PH (STANDARD UNITS)	01/25/71-06/04/91	17	7.1	7.085	7.7	6.5	0.073	0.27	6.9	7.05	7.3	7.54
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/71-06/04/91	17	0.079	0.082	0.316	0.02	0.004	0.065	0.029	0.05	0.09	0.143
00403p	PH, LAB, STANDARD UNITS SU	01/11/72-03/02/87	20	7.3	7.3	7.6	6.9	0.038	0.195	7.	7.2	7.5	7.5
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/11/72-03/02/87	20	7.3	7.256	7.6	6.9	0.04	0.2	7.	7.2	7.5	7.5
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/11/72-03/02/87	20	0.05	0.055	0.126	0.025	0.001	0.027	0.032	0.032	0.063	0.1
00630p	NITRITE PLUS NITRATE, TOTAL I DET. (MG/L AS N)	01/11/72-12/11/90	20	2.205	2.277	3.31	1.4	0.299	0.547	1.572	1.818	2.638	3.235
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/11/72-06/05/80	20	0.095	0.133	0.6	0.02	0.015	0.123	0.05	0.063	0.173	0.208
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/11/72-11/27/79	20	3300.	35117.	240000.	230.	5211732074.737	72192.327	230.	930.	45250.	220600.

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Annual Analysis for 1973 - Station GREE0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/11/72-11/27/79	20	3.498	3.669	5.38	2.362	0.944	0.972	2.362	2.968	4.655	5.308
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			4670.087								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/11/72-11/27/79	20	330.	3562.1	24000.	43.	59645250.937	7723.034	48.	120.	1357.5	23100.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/11/72-11/27/79	20	2.498	2.69	4.38	1.633	0.709	0.842	1.667	2.075	3.124	4.36
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			490.271								

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Annual Analysis for 1974 - Station GREE0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/71-06/04/91	7	3.	6.857	19.	0.	55.476	7.448	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/25/71-06/04/91	4	13.5	14.	23.	6.	52.667	7.257	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/25/71-06/04/91	7	0.	28.571	100.	0.	2380.952	48.795	**	**	**	**
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	01/11/72-11/11/77	7	4.	7.571	24.	2.	66.286	8.142	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	01/25/71-04/07/81	7	13.8	12.857	15.	9.9	4.346	2.085	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/11/72-12/11/90	7	1.8	1.814	2.8	1.4	0.228	0.478	**	**	**	**
00400p	PH (STANDARD UNITS)	01/25/71-06/04/91	7	7.3	7.229	7.5	6.9	0.052	0.229	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	01/25/71-06/04/91	7	7.3	7.176	7.5	6.9	0.056	0.236	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/71-06/04/91	7	0.05	0.067	0.126	0.032	0.001	0.036	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	01/11/72-03/02/87	7	7.2	7.214	7.4	7.1	0.015	0.121	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/11/72-03/02/87	7	7.2	7.2	7.4	7.1	0.015	0.122	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/11/72-03/02/87	7	0.063	0.063	0.079	0.04	0.	0.017	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/72-12/11/90	7	2.57	2.554	3.33	2.	0.168	0.41	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/11/72-06/05/80	7	0.24	0.289	0.56	0.09	0.035	0.187	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/11/72-11/27/79	7	1500.	1741.429	4300.	430.	1887780.952	1373.965	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/11/72-11/27/79	7	3.176	3.11	3.633	2.633	0.147	0.383	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1287.587								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/11/72-11/27/79	7	230.	595.286	2300.	36.	657370.238	810.784	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/11/72-11/27/79	7	2.362	2.431	3.362	1.556	0.376	0.613	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			269.76								

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Annual Analysis for 1975 - Station GREE0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/71-06/04/91	4	18.5	17.75	21.	13.	11.583	3.403	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/25/71-06/04/91	4	21.5	21.5	25.	18.	9.667	3.109	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/25/71-06/04/91	4	87.5	75.	100.	25.	1250.	35.355	**	**	**	**
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	01/11/72-11/11/77	4	9.	9.75	18.	3.	54.917	7.411	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	01/25/71-04/07/81	4	10.5	10.55	11.2	10.	0.25	0.5	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/25/71-10/04/88	4	111.35	110.05	111.8	105.7	8.497	2.915	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/11/72-12/11/90	4	1.45	1.2	1.7	0.2	0.473	0.688	**	**	**	**
00400p	PH (STANDARD UNITS)	01/25/71-06/04/91	4	7.25	7.25	7.6	6.9	0.097	0.311	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	01/25/71-06/04/91	4	7.225	7.17	7.6	6.9	0.105	0.324	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/71-06/04/91	4	0.06	0.068	0.126	0.025	0.002	0.045	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	01/11/72-03/02/87	4	7.25	7.2	7.5	6.8	0.087	0.294	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/11/72-03/02/87	4	7.247	7.12	7.5	6.8	0.095	0.308	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/11/72-03/02/87	4	0.057	0.076	0.158	0.032	0.003	0.057	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	09/04/75-02/06/90	2	99.5	99.5	108.	91.	144.5	12.021	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/72-12/11/90	4	1.63	1.6	1.85	1.29	0.059	0.243	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/11/72-06/05/80	4	0.21	0.21	0.24	0.18	0.001	0.029	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/11/72-11/27/79	4	5800.	9475.	24000.	2300.	104655833.333	10230.143	**	**	**	**
31506	LOG COLIFORM.TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/11/72-11/27/79	4	3.665	3.768	4.38	3.362	0.248	0.498	**	**	**	**

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Annual Analysis for 1975 - Station GREE0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			5861.887								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/11/72-11/27/79	4	1615.	1990.	4300.	430.	2996466.667	1731.031	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/11/72-11/27/79	4	3.165	3.149	3.633	2.633	0.193	0.439	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			1410.22								

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Annual Analysis for 1976 - Station GREE0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/71-06/04/91	13	8.	10.846	20.	0.	59.474	7.712	0.	4.	18.	20.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/25/71-06/04/91	13	12.	11.615	23.	-5.	83.09	9.115	4.4	-4.	19.5	22.2
00032	CLOUD COVER (PERCENT)	01/25/71-06/04/91	13	0.	30.769	100.	0.	1682.692	41.021	0.	0.	75.	100.
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	01/11/72-11/11/77	13	5.	7.923	32.	0.	67.577	8.221	0.8	3.	12.	24.
00300p	OXYGEN, DISSOLVED MG/L	01/25/71-04/07/81	13	11.3	11.377	15.2	8.9	4.76	2.182	8.9	9.45	13.3	14.88
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/25/71-10/04/88	13	98.6	99.654	112.6	91.7	36.023	6.002	92.38	94.95	102.6	111.04
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/11/72-12/11/90	13	1.6	1.431	2.9	0.	1.002	1.001	0.08	0.3	2.2	2.78
00400p	PH (STANDARD UNITS)	01/25/71-06/04/91	13	7.2	7.177	7.6	6.7	0.11	0.332	6.7	6.85	7.45	7.6
00400p	CONVERTED PH (STANDARD UNITS)	01/25/71-06/04/91	13	7.2	7.062	7.6	6.7	0.125	0.353	6.7	6.85	7.45	7.6
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/71-06/04/91	13	0.063	0.087	0.2	0.025	0.004	0.065	0.025	0.036	0.142	0.2
00403p	PH, LAB, STANDARD UNITS SU	01/11/72-03/02/87	13	7.1	7.154	8.	6.6	0.159	0.399	6.6	6.9	7.5	7.8
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/11/72-03/02/87	13	7.1	7.009	8.	6.6	0.182	0.427	6.6	6.9	7.5	7.8
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/11/72-03/02/87	13	0.079	0.098	0.251	0.01	0.006	0.079	0.019	0.032	0.129	0.251
00500	RESIDUE, TOTAL (MG/L)	09/04/75-02/06/90	13	94.	153.077	907.	30.	52556.91	229.253	32.4	65.5	122.5	605.
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/72-12/11/90	13	1.	1.026	1.47	0.73	0.038	0.194	0.758	0.885	1.14	1.366
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/11/72-06/05/80	13	0.13	0.156	0.54	0.03	0.017	0.13	0.034	0.07	0.185	0.416
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/11/72-11/27/79	13	2300.	5390.077	24000.	91.	52992150.077	7279.571	138.6	360.	9250.	20400.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/11/72-11/27/79	13	3.362	3.254	4.38	1.959	0.585	0.765	2.104	2.548	3.958	4.299
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1795.921								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/11/72-11/27/79	13	230.	871.615	4600.	36.	2559626.09	1599.883	50.8	91.	580.	4480.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/11/72-11/27/79	13	2.362	2.426	3.663	1.556	0.407	0.638	1.679	1.959	2.748	3.651
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			266.692								

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Annual Analysis for 1977 - Station GREE0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/71-06/04/91	10	5.5	10.1	21.	-1.	57.878	7.608	0.4	7.	16.25	20.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/25/71-06/04/91	10	6.5	10.4	20.	-1.	50.711	7.121	1.5	6.75	15.75	19.8
00032	CLOUD COVER (PERCENT)	01/25/71-06/04/91	10	37.5	45.	100.	0.	1777.778	42.164	0.	0.	100.	100.
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	01/11/72-11/11/77	10	5.	15.25	86.	0.	681.292	26.102	0.1	2.5	17.25	80.1
00300p	OXYGEN, DISSOLVED MG/L	01/25/71-04/07/81	10	10.05	10.2	13.2	7.1	4.822	2.196	7.13	8.375	12.6	13.14
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/25/71-10/04/88	10	88.75	88.8	107.5	74.8	92.909	9.639	75.21	80.025	95.5	106.3
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/11/72-12/11/90	9	1.2	1.544	3.4	0.2	1.115	1.056	0.2	0.7	2.4	3.4
00400p	PH (STANDARD UNITS)	01/25/71-06/04/91	10	7.2	7.18	7.6	6.8	0.06	0.244	6.81	6.975	7.325	7.58
00400p	CONVERTED PH (STANDARD UNITS)	01/25/71-06/04/91	10	7.189	7.12	7.6	6.8	0.064	0.252	6.81	6.975	7.325	7.58
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/71-06/04/91	10	0.065	0.076	0.158	0.025	0.002	0.042	0.027	0.048	0.106	0.155
00403p	PH, LAB, STANDARD UNITS SU	01/11/72-03/02/87	10	7.	6.9	7.2	6.	0.136	0.368	6.05	6.875	7.1	7.19
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/11/72-03/02/87	10	7.	6.695	7.2	6.	0.182	0.427	6.05	6.875	7.1	7.19
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/11/72-03/02/87	10	0.1	0.202	1.	0.063	0.084	0.29	0.065	0.079	0.154	0.932
00500	RESIDUE, TOTAL (MG/L)	09/04/75-02/06/90	10	103.	119.6	304.	66.	4817.378	69.407	66.5	75.5	134.	287.3
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/72-12/11/90	10	0.9	0.94	1.68	0.4	0.115	0.339	0.43	0.7	1.065	1.632
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/11/72-06/05/80	10	0.13	0.141	0.26	0.03	0.006	0.077	0.034	0.078	0.22	0.259
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/11/72-11/27/79	10	2400.	11719.	46000.	430.	237194565.556	15401.122	440.	830.	24000.	43800.

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Annual Analysis for 1977 - Station GREE0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/11/72-11/27/79	10	3.38	3.586	4.663	2.633	0.561	0.749	2.643	2.907	4.38	4.635
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			3856.57								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/11/72-11/27/79	10	330.	3879.3	24000.	15.	58092910.9	7621.871	17.1	77.25	4050.	22530.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/11/72-11/27/79	10	2.498	2.672	4.38	1.176	1.127	1.062	1.214	1.858	3.513	4.339
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			469.659								

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Annual Analysis for 1978 - Station GREE0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/71-06/04/91	13	13.	12.462	22.	0.	60.436	7.774	0.	6.5	20.	21.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/25/71-06/04/91	13	17.	15.462	33.	-3.	126.436	11.244	6.8	-2.5	23.5	31.8
00032	CLOUD COVER (PERCENT)	01/25/71-06/04/91	13	100.	69.231	100.	0.	1995.192	44.668	0.	12.5	100.	100.
00300p	OXYGEN, DISSOLVED MG/L	01/25/71-04/07/81	13	10.3	10.208	13.2	7.9	3.196	1.788	7.94	8.25	11.7	12.8
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/25/71-10/04/88	13	91.4	92.985	107.4	80.8	44.213	6.649	82.84	89.65	97.35	104.44
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/11/72-12/11/90	13	1.7	2.154	5.9	0.4	2.819	1.679	0.48	0.8	3.2	5.34
00400p	PH (STANDARD UNITS)	01/25/71-06/04/91	12	7.15	7.142	7.8	6.6	0.188	0.434	6.6	6.65	7.55	7.77
00400p	CONVERTED PH (STANDARD UNITS)	01/25/71-06/04/91	12	7.147	6.963	7.8	6.6	0.223	0.472	6.6	6.65	7.55	7.77
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/71-06/04/91	12	0.071	0.109	0.251	0.016	0.009	0.094	0.017	0.029	0.228	0.251
00403p	PH, LAB, STANDARD UNITS SU	01/11/72-03/02/87	13	6.7	6.669	7.	6.1	0.069	0.263	6.22	6.5	6.9	6.96
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/11/72-03/02/87	13	6.7	6.588	7.	6.1	0.076	0.276	6.22	6.5	6.9	6.96
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/11/72-03/02/87	13	0.2	0.258	0.794	0.1	0.035	0.188	0.11	0.126	0.316	0.636
00500	RESIDUE, TOTAL (MG/L)	09/04/75-02/06/90	13	112.	253.923	1865.	70.	236330.91	486.139	72.8	86.5	183.5	1203.
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/72-12/11/90	13	1.	0.923	1.4	0.2	0.1	0.317	0.32	0.75	1.15	1.32
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/11/72-06/05/80	13	0.08	0.166	0.75	0.04	0.039	0.197	0.04	0.055	0.19	0.594
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/11/72-11/27/79	12	1950.	71984.167	460000.	90.20025502790.152	141511.493	132.	280.	88500.	394000.	
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/11/72-11/27/79	12	3.278	3.64	5.663	1.954	1.64	1.28	2.076	2.43	4.876	5.578
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			4365.775								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/11/72-11/27/79	12	330.	41009.25	460000.	40.17432226514.023	132031.157	40.	105.75	8050.	326500.	
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/11/72-11/27/79	12	2.498	2.958	5.663	1.602	1.504	1.226	1.602	2.013	3.885	5.217
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			908.292								

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Annual Analysis for 1979 - Station GREE0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/71-06/04/91	11	15	14.273	23.	2.	38.218	6.182	3.	11.	19.	22.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/25/71-06/04/91	12	16.5	14.5	26.	0.	67.909	8.241	0.6	9.	20.	25.7
00032	CLOUD COVER (PERCENT)	01/25/71-06/04/91	12	62.5	54.167	100.	0.	2367.424	48.656	0.	0.	100.	100.
00300p	OXYGEN, DISSOLVED MG/L	01/25/71-04/07/81	11	9.6	9.764	11.4	8.4	1.033	1.016	8.48	8.9	11.	11.34
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/25/71-10/04/88	11	93.4	94.018	111.1	79.9	77.404	8.798	81.56	88.3	101.7	109.64
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/11/72-12/11/90	12	1.2	1.642	4.4	0.4	1.486	1.219	0.4	0.85	2.7	3.98
00400p	PH (STANDARD UNITS)	01/25/71-06/04/91	12	6.9	6.933	7.5	6.4	0.101	0.317	6.46	6.725	7.1	7.47
00400p	CONVERTED PH (STANDARD UNITS)	01/25/71-06/04/91	12	6.889	6.835	7.5	6.4	0.111	0.333	6.46	6.725	7.1	7.47
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/71-06/04/91	12	0.129	0.146	0.398	0.032	0.01	0.102	0.034	0.079	0.189	0.354
00403p	PH, LAB, STANDARD UNITS SU	01/11/72-03/02/87	12	6.6	6.642	7.	6.2	0.057	0.239	6.23	6.525	6.875	6.97
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/11/72-03/02/87	12	6.6	6.579	7.	6.2	0.061	0.248	6.23	6.525	6.875	6.97
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/11/72-03/02/87	12	0.251	0.264	0.631	0.1	0.025	0.158	0.108	0.134	0.3	0.592
00500	RESIDUE, TOTAL (MG/L)	09/04/75-02/06/90	12	95.5	99.333	145.	68.	418.606	20.46	72.8	88.25	108.25	139.9
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/72-12/11/90	12	1.05	1.008	1.3	0.6	0.044	0.211	0.63	0.85	1.175	1.27
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/11/72-06/05/80	12	0.075	0.075	0.14	0.03	0.001	0.038	0.03	0.04	0.11	0.131
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/11/72-11/27/79	12	2350.	6050.833	15000.	150.	32956481.061	5740.774	384.	1272.5	11000.	15000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/11/72-11/27/79	12	3.371	3.498	4.176	2.176	0.374	0.611	2.414	3.067	4.041	4.176

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Annual Analysis for 1979 - Station GREE0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			3151.316								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/11/72-11/27/79	12	1215.	1360.75	4600.	36.	1891867.114	1375.452	47.1	230.	2300.	3940.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/11/72-11/27/79	12	3.072	2.799	3.663	1.556	0.457	0.676	1.648	2.362	3.362	3.578
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			629.977								

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Annual Analysis for 1980 - Station GREE0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/71-06/04/91	12	14.	13.333	23.	0.	66.788	8.172	0.3	8.	21.5	23.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/25/71-06/04/91	13	16.	16.	33.	-1.	122.333	11.06	3.4	8.5	25.	32.6
00032	CLOUD COVER (PERCENT)	01/25/71-06/04/91	13	50.	50.	100.	0.	1354.167	36.799	0.	25.	87.5	100.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/20/80-03/02/87	8	139.5	133.75	155.	109.	390.214	19.754	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	01/25/71-04/07/81	12	10.5	10.542	14.2	7.8	4.137	2.034	7.89	8.85	12.2	13.87
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/25/71-10/04/88	12	95.95	98.192	117.2	89.7	57.863	7.607	90.39	92.325	103.1	113.3
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/11/72-12/11/90	19	1.2	1.637	6.2	0.5	1.8	1.342	0.6	1.	1.9	3.8
00400p	PH (STANDARD UNITS)	01/25/71-06/04/91	13	7.1	7.054	7.4	6.7	0.053	0.23	6.74	6.85	7.25	7.36
00400p	CONVERTED PH (STANDARD UNITS)	01/25/71-06/04/91	13	7.1	6.999	7.4	6.7	0.056	0.237	6.74	6.85	7.25	7.36
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/71-06/04/91	13	0.079	0.1	0.2	0.04	0.003	0.052	0.044	0.057	0.142	0.183
00403p	PH, LAB, STANDARD UNITS SU	01/11/72-03/02/87	21	7.1	7.019	7.5	6.3	0.093	0.304	6.4	6.95	7.2	7.28
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/11/72-03/02/87	21	7.1	6.89	7.5	6.3	0.11	0.332	6.4	6.95	7.2	7.28
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/11/72-03/02/87	21	0.079	0.129	0.501	0.032	0.017	0.13	0.053	0.063	0.113	0.398
00500	RESIDUE, TOTAL (MG/L)	09/04/75-02/06/90	13	98.	102.769	189.	78.	807.026	28.408	78.4	86.	106.	161.
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/20/80-03/02/87	13 ##	0.05	0.088	0.3	0.05	0.009	0.094	0.05	0.05	0.05	0.3
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/20/80-02/06/90	13	2.7	2.7	4.5	0.5	1.585	1.259	0.5	2.	3.4	4.5
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/72-12/11/90	13	1.1	1.162	1.5	0.9	0.038	0.194	0.94	1.	1.3	1.5
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/11/72-06/05/80	5	0.07	0.057	0.07	0.015	0.001	0.024	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/20/80-03/02/87	8	25.	29.875	63.	13.	306.411	17.505	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/20/80-03/02/87	8 ##	0.5	0.875	3.	0.5	0.768	0.876	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	05/20/80-03/02/87	8 ##	0.5	2.063	5.	0.5	4.746	2.178	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	05/20/80-03/02/87	8	2.	6.625	36.	1.	142.268	11.928	**	**	**	**
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/14/80-12/11/90	21	4300.	17302.19	240000.	36.	2657011764.762	51546.21	166.	730.	11000.	26700.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/14/80-12/11/90	21	3.633	3.456	5.38	1.556	0.761	0.872	2.213	2.846	4.041	4.419
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2854.824								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/14/80-12/11/90	21	410.	6056.571	110000.	15.	568392285.057	23840.979	47.	117.5	2200.	3600.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/14/80-12/11/90	21	2.613	2.658	5.041	1.176	0.709	0.842	1.637	2.062	3.342	3.549
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			455.162								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/20/80-03/02/87	8 ##	0.005	0.009	0.02	0.005	0.	0.007	**	**	**	**

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Annual Analysis for 1981 - Station GREE0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/71-06/04/91	3	3.	4.	9.	0.	21.	4.583	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/25/71-06/04/91	3	8.	7.333	11.	3.	16.333	4.041	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/25/71-06/04/91	3	100.	66.667	100.	0.	3333.333	57.735	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/20/80-03/02/87	11	149.	164.818	380.	108.	5593.364	74.789	111.	126.	160.	342.6
00300p	OXYGEN, DISSOLVED MG/L	01/25/71-04/07/81	3	13.8	13.933	14.8	13.2	0.653	0.808	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/25/71-10/04/88	3	102.2	105.8	113.8	101.4	48.16	6.94	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/11/72-12/11/90	13	1.3	3.031	12.5	1.	11.912	3.451	1.	1.05	3.65	10.58
00400p	PH (STANDARD UNITS)	01/25/71-06/04/91	3	7.1	7.033	7.2	6.8	0.043	0.208	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	01/25/71-06/04/91	3	7.1	6.999	7.2	6.8	0.045	0.212	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/71-06/04/91	3	0.079	0.1	0.158	0.063	0.003	0.051	**	**	**	**

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Annual Analysis for 1981 - Station GREE0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403p	PH, LAB, STANDARD UNITS SU	01/11/72-03/02/87	15	7.	6.867	7.7	6.	0.281	0.53	6.18	6.4	7.4	7.58
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/11/72-03/02/87	15	7.	6.602	7.7	6.	0.356	0.597	6.18	6.4	7.4	7.58
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/11/72-03/02/87	15	0.1	0.25	1.	0.02	0.073	0.27	0.027	0.04	0.398	0.701
00500	RESIDUE, TOTAL (MG/L)	09/04/75-02/06/90	3	98.	108.	135.	91.	559.	23.643	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/20/80-03/02/87	12 ##	0.05	0.054	0.1	0.05	0.	0.014	0.05	0.05	0.05	0.085
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/20/80-02/06/90	12	1.3	1.775	7.	0.7	2.946	1.716	0.7	0.85	1.925	5.56
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/72-12/11/90	3	1.2	1.233	1.5	1.	0.063	0.252	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/20/80-03/02/87	12	25.	34.833	137.	16.	1093.061	33.061	16.3	21.25	33.	109.1
01027	CADMIUM, TOTAL (UG/L AS CD)	05/20/80-03/02/87	13 ##	0.5	0.942	4.	0.05	1.586	1.259	0.05	0.125	1.35	3.6
01051	LEAD, TOTAL (UG/L AS PB)	05/20/80-03/02/87	13 ##	0.5	3.654	38.	0.5	106.808	10.335	0.5	0.5	1.5	23.6
01092	ZINC, TOTAL (UG/L AS ZN)	05/20/80-03/02/87	13 ##	0.5	14.121	101.	0.015	983.538	31.361	0.015	0.015	6.	86.2
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/14/80-12/11/90	11	680.	3095.909	22500.	335.	42350604.091	6507.734	354.	440.	2400.	18600.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/14/80-12/11/90	11	2.833	3.053	4.352	2.525	0.299	0.547	2.547	2.643	3.38	4.177
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1128.999								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/14/80-12/11/90	12	274.	491.583	2100.	28.	431821.174	657.131	33.1	98.	430.	1950.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/14/80-12/11/90	12	2.437	2.382	3.322	1.447	0.309	0.556	1.509	1.991	2.633	3.287
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			240.939								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/20/80-03/02/87	11	0.03	0.035	0.14	0.005	0.001	0.038	0.005	0.01	0.04	0.122

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GREE0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/20/80-03/02/87	12	180.	948.5	8000.	82.	5050720.818	2247.381	85.6	139.5	545.	5990.
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/11/72-12/11/90	12	1.45	1.583	2.7	0.5	0.691	0.831	0.5	1.	2.4	2.67
00403p	PH, LAB, STANDARD UNITS SU	01/11/72-03/02/87	12	7.35	7.408	8.2	6.5	0.203	0.45	6.68	7.15	7.6	8.17
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/11/72-03/02/87	12	7.347	7.193	8.2	6.5	0.253	0.503	6.68	7.15	7.6	8.17
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/11/72-03/02/87	12	0.045	0.064	0.316	0.006	0.007	0.083	0.007	0.025	0.072	0.245
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/20/80-03/02/87	12 ##	0.005	0.015	0.05	0.005	0.	0.018	0.005	0.005	0.024	0.05
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/20/80-02/06/90	11	0.7	0.673	2.4	0.005	0.467	0.683	0.01	0.08	0.94	2.126
00940	CHLORIDE, TOTAL IN WATER MG/L	05/20/80-03/02/87	12	13.	32.542	111.	0.5	1130.794	33.627	2.45	8.75	55.5	98.4
01027	CADMIUM, TOTAL (UG/L AS CD)	05/20/80-03/02/87	12 ##	0.5	1.033	4.	0.5	1.386	1.177	0.5	0.5	0.8	3.7
01051	LEAD, TOTAL (UG/L AS PB)	05/20/80-03/02/87	12 ##	2.5	3.042	6.	2.	1.975	1.405	2.	2.5	2.875	6.
01092	ZINC, TOTAL (UG/L AS ZN)	05/20/80-03/02/87	12 ##	5.	6.087	32.	0.05	70.892	8.42	0.185	1.625	5.	23.9
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/14/80-12/11/90	12	2100.	3220.	10050.	240.	8164709.091	2857.396	393.	1212.5	5037.5	8955.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/14/80-12/11/90	12	3.319	3.333	4.002	2.38	0.199	0.446	2.529	3.079	3.701	3.943
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	01/14/80-12/11/90	12	3.319	3.333	4.002	2.38	0.199	0.446	2.529	3.079	3.701	3.943
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/14/80-12/11/90	12	252.5	604.417	4290.	16.	1403078.992	1184.516	23.5	113.25	405.	3279.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/14/80-12/11/90	12	2.402	2.358	3.632	1.204	0.376	0.614	1.327	2.041	2.598	3.432
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/14/80-12/11/90	12	2.402	2.358	3.632	1.204	0.376	0.614	1.327	2.041	2.598	3.432
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/20/80-03/02/87	12	0.015	0.04	0.29	0.005	0.007	0.081	0.005	0.005	0.028	0.224

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GREE0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/20/80-03/02/87	7	128.	132.714	182.	109.	623.571	24.971	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	01/11/72-03/02/87	8	7.55	7.413	7.7	6.4	0.184	0.429	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/11/72-03/02/87	8	7.547	7.124	7.7	6.4	0.279	0.529	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/11/72-03/02/87	8	0.028	0.075	0.398	0.02	0.017	0.131	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/20/80-03/02/87	10	0.011	0.016	0.035	0.	0.	0.011	0.001	0.01	0.026	0.035
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/20/80-02/06/90	9	1.2	1.233	1.6	0.8	0.075	0.274	0.8	1.	1.5	1.6
00916	CALCIUM, TOTAL (MG/L AS CA)	03/07/83-03/02/87	10	11.25	12.29	18.	8.3	10.665	3.266	8.45	10.025	14.45	17.96

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Annual Analysis for 1983 - Station GREE0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	05/20/80-03/02/87	10	17.	20.1	32.	8.	70.767	8.412	8.5	13.75	28.	31.9
01027	CADMIUM, TOTAL (UG/L AS CD)	05/20/80-03/02/87	10	2.5	3.9	15.	0.	21.878	4.677	0.	0.75	6.5	14.3
01042	COPPER, TOTAL (UG/L AS CU)	03/07/83-03/02/87	10	8.5	82.3	752.	3.	55400.233	235.373	3.	3.	14.75	678.8
01051	LEAD, TOTAL (UG/L AS PB)	05/20/80-03/02/87	10	6.5	13.	76.	0.	506.444	22.504	0.2	2.75	11.25	69.6
01092	ZINC, TOTAL (UG/L AS ZN)	05/20/80-03/02/87	10	13.5	12.4	20.	3.	25.822	5.082	3.3	8.25	15.5	19.7
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/14/80-12/11/90	9	4600.	10281.111	23000.	930.	96549211.111	9825.946	930.	2200.	23000.	23000.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/14/80-12/11/90	9	3.663	3.778	4.362	2.968	0.266	0.516	2.968	3.342	4.362	4.362
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			5998.406								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/14/80-12/11/90	9	2300.	8402.222	23000.	230.	120436444.444	10974.354	230.	430.	23000.	23000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/14/80-12/11/90	9	3.362	3.378	4.362	2.362	0.652	0.807	2.362	2.633	4.362	4.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2390.126								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/20/80-03/02/87	10	0.11	0.315	2.	0.06	0.356	0.596	0.061	0.078	0.218	1.83

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Annual Analysis for 1984 - Station GREE0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/20/80-03/02/87	12	136.	136.833	244.	55.	1915.061	43.761	68.5	117.25	149.	219.1
00403p	PH, LAB, STANDARD UNITS SU	01/11/72-03/02/87	12	7.3	7.508	8.3	6.8	0.284	0.533	6.86	7.1	8.1	8.3
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/11/72-03/02/87	12	7.3	7.278	8.3	6.8	0.342	0.585	6.86	7.1	8.1	8.3
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/11/72-03/02/87	12	0.05	0.053	0.158	0.005	0.002	0.047	0.005	0.009	0.079	0.141
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/20/80-03/02/87	12	0.01	0.02	0.14	0.	0.001	0.038	0.	0.004	0.018	0.104
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/20/80-02/06/90	12	1.3	1.382	3.	0.2	0.576	0.759	0.26	0.998	1.95	2.736
00916	CALCIUM, TOTAL (MG/L AS CA)	03/07/83-03/02/87	11	9.4	9.682	20.2	3.	22.244	4.716	3.58	6.1	12.5	19.
00940	CHLORIDE,TOTAL IN WATER MG/L	05/20/80-03/02/87	12	29.	39.	150.	12.	1312.182	36.224	14.7	24.25	32.5	120.9
01027	CADMIUM, TOTAL (UG/L AS CD)	05/20/80-03/02/87	12	2.	3.333	20.	0.	30.424	5.516	0.	0.25	3.	15.8
01042	COPPER, TOTAL (UG/L AS CU)	03/07/83-03/02/87	12	3.5	4.417	10.	1.	8.447	2.906	1.3	2.	7.5	9.4
01051	LEAD, TOTAL (UG/L AS PB)	05/20/80-03/02/87	12	7.5	18.667	141.	0.	1510.606	38.867	0.	4.5	12.	104.1
01092	ZINC, TOTAL (UG/L AS ZN)	05/20/80-03/02/87	12	9.5	22.333	111.	2.	971.152	31.163	2.	4.25	29.75	92.1
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/14/80-12/11/90	12	3300.	11996.667	110000.	430.	956542696.97	30928.024	580.	1500.	4525.	79250.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/14/80-12/11/90	12	3.498	3.513	5.041	2.633	0.352	0.594	2.734	3.176	3.655	4.691
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3259.122								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/20/80-03/02/87	12	0.145	0.165	0.52	0.05	0.017	0.13	0.05	0.06	0.215	0.436

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Annual Analysis for 1985 - Station GREE0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/71-06/04/91	2	20.55	20.55	21.6	19.5	2.205	1.485	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/25/71-06/04/91	2	24.25	24.25	25.6	22.9	3.645	1.909	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/25/71-06/04/91	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/20/80-03/02/87	11	168.	164.182	185.	130.	320.364	17.899	132.2	151.	180.	184.2
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/25/71-10/04/88	2	99.45	99.45	100.	98.9	0.605	0.778	**	**	**	**
00400p	PH (STANDARD UNITS)	01/25/71-06/04/91	2	7.3	7.3	7.4	7.2	0.02	0.141	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	01/25/71-06/04/91	2	7.289	7.289	7.4	7.2	0.02	0.142	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/71-06/04/91	2	0.051	0.051	0.063	0.04	0.	0.016	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	01/11/72-03/02/87	11	7.5	7.436	8.1	6.9	0.129	0.359	6.92	7.1	7.7	8.02
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/11/72-03/02/87	11	7.5	7.311	8.1	6.9	0.146	0.382	6.92	7.1	7.7	8.02
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/11/72-03/02/87	11	0.032	0.049	0.126	0.008	0.001	0.038	0.01	0.02	0.079	0.121
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/20/80-03/02/87	11	0.01	0.079	0.8	0.	0.057	0.239	0.	0.	0.01	0.644
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/20/80-02/06/90	11	1.1	1.065	1.6	0.02	0.202	0.45	0.176	0.8	1.4	1.6
00916	CALCIUM, TOTAL (MG/L AS CA)	03/07/83-03/02/87	11	14.	12.291	17.5	7.	11.833	3.44	7.28	8.6	15.	17.
00940	CHLORIDE,TOTAL IN WATER MG/L	05/20/80-03/02/87	11	27.	25.818	39.	6.	64.364	8.023	9.2	25.	28.	37.8

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Annual Analysis for 1985 - Station GREE0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01027	CADMIUM, TOTAL (UG/L AS CD)	05/20/80-03/02/87	11	1.	1.28	6.	0.	2.998	1.732	0.	0.	2.	5.2
01042	COPPER, TOTAL (UG/L AS CU)	03/07/83-03/02/87	11	4.	5.9	35.	0.	97.99	9.899	0.	0.9	6.	29.2
01051	LEAD, TOTAL (UG/L AS PB)	05/20/80-03/02/87	11	0.	0.445	4.	0.	1.463	1.209	0.	0.	0.	3.38
01092	ZINC, TOTAL (UG/L AS ZN)	05/20/80-03/02/87	11	3.	5.355	17.	0.	27.743	5.267	0.18	1.	9.	16.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/14/80-12/11/90	11	460.	2186.727	9300.	9.	12656806.818	3557.641	22.2	150.	1500.	9300.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/14/80-12/11/90	11	2.663	2.727	3.968	0.954	0.79	0.889	1.138	2.176	3.176	3.968
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			532.988								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/20/80-03/02/87	11	0.08	0.076	0.22	0.	0.004	0.061	0.006	0.03	0.1	0.2

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Annual Analysis for 1986 - Station GREE0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/71-06/04/91	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/25/71-06/04/91	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/25/71-06/04/91	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/20/80-03/02/87	10	180.	183.8	281.	123.	2143.289	46.296	124.2	157.5	197.25	276.9
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/11/72-12/11/90	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	01/25/71-06/04/91	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	01/25/71-06/04/91	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/71-06/04/91	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	01/11/72-03/02/87	11	7.6	7.491	7.8	7.2	0.043	0.207	7.2	7.3	7.6	7.78
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/11/72-03/02/87	11	7.6	7.446	7.8	7.2	0.045	0.213	7.2	7.3	7.6	7.78
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/11/72-03/02/87	11	0.025	0.036	0.063	0.016	0.	0.017	0.017	0.025	0.05	0.063
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/20/80-03/02/87	10	0.	0.037	0.34	0.	0.011	0.107	0.	0.	0.01	0.307
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/20/80-02/06/90	11	1.	0.878	1.4	0.025	0.18	0.424	0.1	0.53	1.3	1.38
00916	CALCIUM, TOTAL (MG/L AS CA)	03/07/83-03/02/87	11	14.2	14.273	19.	10.	6.666	2.582	10.2	12.8	16.	18.6
00940	CHLORIDE,TOTAL IN WATER MG/L	05/20/80-03/02/87	11	30.	33.091	62.	14.	220.291	14.842	14.4	24.	47.	60.
01027	CADMIUM, TOTAL (UG/L AS CD)	05/20/80-03/02/87	11	1.	1.182	3.	0.	0.564	0.751	0.2	1.	1.	2.8
01042	COPPER, TOTAL (UG/L AS CU)	03/07/83-03/02/87	11	4.	4.	8.	2.	2.6	1.612	2.	3.	4.	7.4
01051	LEAD, TOTAL (UG/L AS PB)	05/20/80-03/02/87	11	1.	1.364	4.	0.	2.255	1.502	0.	0.	2.	4.
01092	ZINC, TOTAL (UG/L AS ZN)	05/20/80-03/02/87	10	5.	6.5	15.	1.	15.833	3.979	1.2	4.5	9.25	14.5
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/14/80-12/11/90	12	2350.	3388.333	9300.	150.	11827742.424	3439.149	150.	555.	6700.	9300.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/14/80-12/11/90	12	3.371	3.225	3.968	2.176	0.398	0.631	2.176	2.717	3.815	3.968
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1678.118								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/14/80-12/11/90	1	460.	460.	460.	460.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/14/80-12/11/90	1	2.663	2.663	2.663	2.663	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			460.								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/20/80-03/02/87	10	0.01	0.014	0.04	0.	0.	0.015	0.	0.	0.03	0.039

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GREE0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/20/80-03/02/87	3	174.	242.667	416.	138.	22857.333	151.186	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	01/11/72-03/02/87	3	7.1	7.067	7.2	6.9	0.023	0.153	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/11/72-03/02/87	3	7.1	7.048	7.2	6.9	0.024	0.154	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/11/72-03/02/87	3	0.079	0.089	0.126	0.063	0.001	0.033	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/20/80-03/02/87	3	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/20/80-02/06/90	3	1.2	1.067	1.2	0.8	0.053	0.231	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	03/07/83-03/02/87	3	13.7	53.833	137.	10.8	5189.623	72.039	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/20/80-03/02/87	3	34.	51.333	93.	27.	1314.333	36.254	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/20/80-03/02/87	3	3.	3.	3.	3.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GREE0034

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01042 COPPER, TOTAL (UG/L AS CU)	03/07/83-03/02/87	3	5.	5.333	7.	4.	2.333	1.528	**	**	**	**
01051 LEAD, TOTAL (UG/L AS PB)	05/20/80-03/02/87	3	2.	2.	3.	1.	1.	1.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	05/20/80-03/02/87	3	12.	12.	14.	10.	4.	2.	**	**	**	**
31505p COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/14/80-12/11/90	3	4300.	2996.667	4300.	390.	5096033.333	2257.44	**	**	**	**
31505p LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/14/80-12/11/90	3	3.633	3.286	3.633	2.591	0.362	0.602	**	**	**	**
31505p GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1931.971								
70505 PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/20/80-03/02/87	3	0.03	0.02	0.03	0.	0.	0.017	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GREE0034

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/71-06/04/91	6	16.05	15.9	23.2	4.3	41.532	6.445	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/25/71-06/04/91	6	17.15	18.733	30.	6.	77.319	8.793	**	**	**	**
00032 CLOUD COVER (PERCENT)	01/25/71-06/04/91	6	0.	25.	100.	0.	1750.	41.833	**	**	**	**
00301 OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/25/71-10/04/88	3	101.	97.667	101.1	90.9	34.343	5.86	**	**	**	**
00310p BOD, 5 DAY, 20 DEG C MG/L	01/11/72-12/11/90	6 ##	0.5	1.	3.	0.5	1.	1.	**	**	**	**
00400p PH (STANDARD UNITS)	01/25/71-06/04/91	6	7.	6.967	7.4	6.4	0.103	0.32	**	**	**	**
00400p CONVERTED PH (STANDARD UNITS)	01/25/71-06/04/91	6	7.	6.855	7.4	6.4	0.118	0.343	**	**	**	**
00400p MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/71-06/04/91	6	0.1	0.14	0.398	0.04	0.017	0.129	**	**	**	**
00620p NITRATE NITROGEN, TOTAL (MG/L AS N)	05/20/80-02/06/90	6	0.845	0.865	1.2	0.6	0.047	0.217	**	**	**	**
31505p COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/14/80-12/11/90	6	1100.	1339.333	4600.	43.	2807523.067	1675.566	**	**	**	**
31505p LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/14/80-12/11/90	6	3.041	2.731	3.663	1.633	0.589	0.767	**	**	**	**
31505p GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			538.867								
31615 FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/14/80-12/11/90	6	166.5	509.167	2400.	39.	866342.967	930.775	**	**	**	**
31615 LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/14/80-12/11/90	6	2.174	2.222	3.38	1.591	0.44	0.663	**	**	**	**
31615 GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			166.83								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GREE0034

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/71-06/04/91	15	13.3	13.367	22.4	1.4	54.357	7.373	2.72	5.2	20.7	22.34
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/25/71-06/04/91	14	17.	16.714	27.6	5.1	61.135	7.819	5.55	9.475	23.175	27.55
00032 CLOUD COVER (PERCENT)	01/25/71-06/04/91	15	25.	43.333	100.	0.	2095.238	45.774	0.	0.	100.	100.
00310p BOD, 5 DAY, 20 DEG C MG/L	01/11/72-12/11/90	14 ##	0.75	1.821	8.	0.5	4.87	2.207	0.5	0.5	2.25	6.5
00400p PH (STANDARD UNITS)	01/25/71-06/04/91	15	7.1	6.993	7.2	6.5	0.038	0.194	6.62	6.9	7.1	7.2
00400p CONVERTED PH (STANDARD UNITS)	01/25/71-06/04/91	15	7.1	6.945	7.2	6.5	0.04	0.201	6.62	6.9	7.1	7.2
00400p MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/71-06/04/91	15	0.079	0.114	0.316	0.063	0.005	0.067	0.063	0.079	0.126	0.246
00620p NITRATE NITROGEN, TOTAL (MG/L AS N)	05/20/80-02/06/90	14	1.2	1.097	1.4	0.46	0.1	0.316	0.52	0.91	1.363	1.4
31505p COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/14/80-12/11/90	14	2400.	5642.714	24000.	8.	68511555.451	8277.171	124.	417.5	6200.	24000.
31505p LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/14/80-12/11/90	14	3.38	3.207	4.38	0.903	0.833	0.913	1.642	2.613	3.757	4.38
31505p GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1609.561								
31615 FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/14/80-12/11/90	14	350.	1763.429	11000.	8.	9471779.956	3077.626	79.	217.5	2050.	7800.
31615 LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/14/80-12/11/90	14	2.521	2.685	4.041	0.903	0.623	0.789	1.54	2.329	3.225	3.852
31615 GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			484.102								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GREE0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/71-06/04/91	21	12.5	11.162	21.3	2.3	41.222	6.42	2.92	5.35	17.15	20.82
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/25/71-06/04/91	20	13.3	14.005	27.3	1.4	59.83	7.735	4.29	7.25	22.1	24.09
00032	CLOUD COVER (PERCENT)	01/25/71-06/04/91	20	0.	23.75	100.	0.	1215.461	34.863	0.	0.	25.	97.5
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/11/72-12/11/90	20	2.	6.85	96.	1.	443.608	21.062	1.	1.	2.75	7.8
00400p	PH (STANDARD UNITS)	01/25/71-06/04/91	19	6.9	6.9	7.3	6.5	0.039	0.197	6.5	6.8	7.	7.1
00400p	CONVERTED PH (STANDARD UNITS)	01/25/71-06/04/91	19	6.9	6.854	7.3	6.5	0.041	0.203	6.5	6.8	7.	7.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/71-06/04/91	19	0.126	0.14	0.316	0.05	0.006	0.074	0.079	0.1	0.158	0.316
00500	RESIDUE, TOTAL (MG/L)	09/04/75-02/06/90	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/20/80-02/06/90	2	1.365	1.365	1.4	1.33	0.002	0.049	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/72-12/11/90	18	1.17	1.112	1.4	0.57	0.053	0.231	0.75	0.973	1.288	1.373
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/14/80-12/11/90	20	2400.	4591.65	16000.	23.	35716054.45	5976.291	77.	397.5	3500.	16000.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/14/80-12/11/90	20	3.38	3.204	4.204	1.362	0.624	0.79	1.837	2.591	3.544	4.204
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1597.764								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/14/80-12/11/90	20	315.	1723.65	16000.	23.	12406960.134	3522.352	32.	140.	2400.	2760.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/14/80-12/11/90	20	2.498	2.663	4.204	1.362	0.584	0.764	1.499	2.146	3.38	3.44
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			460.683								

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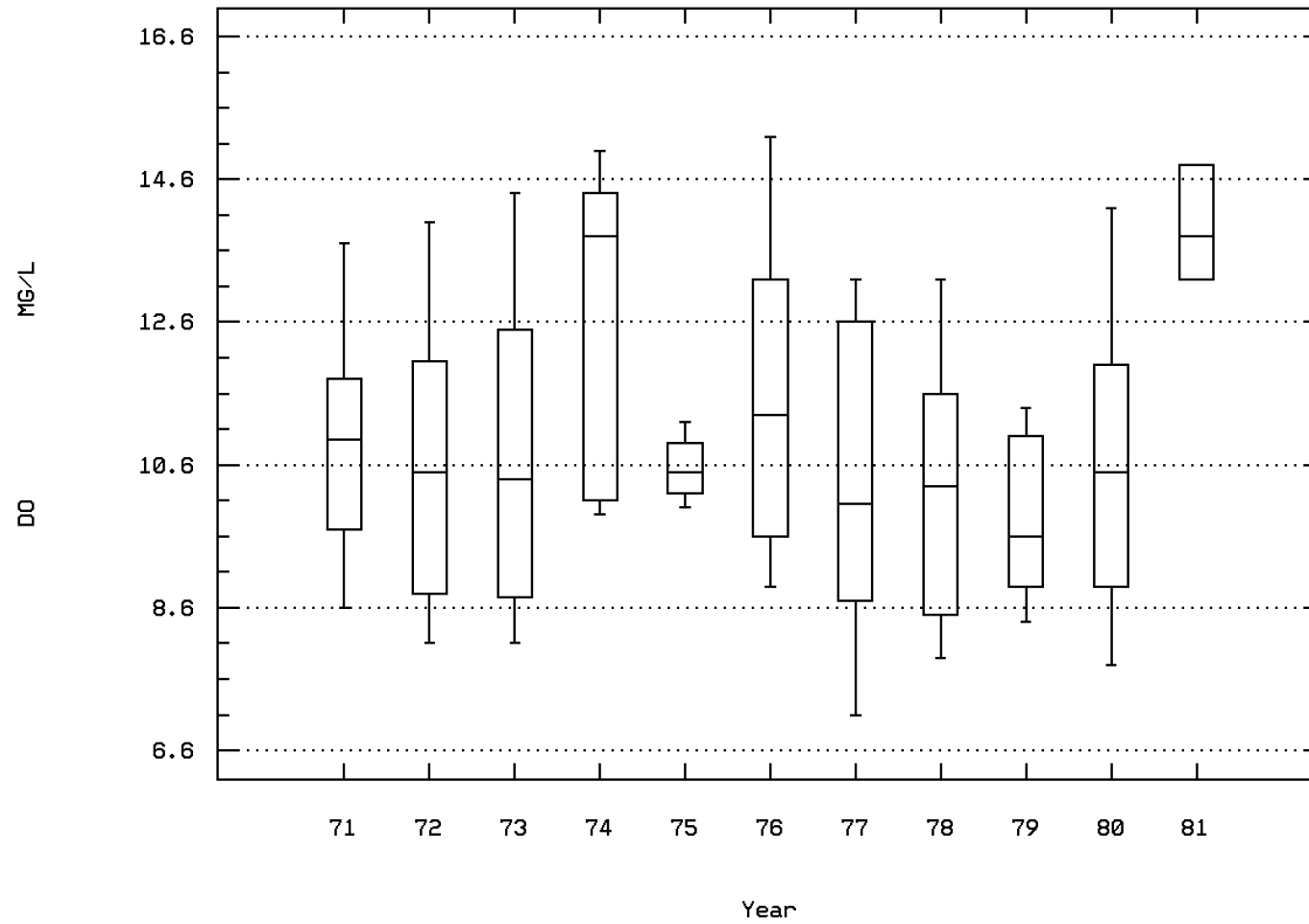
Annual Analysis for 1991 - Station GREE0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/71-06/04/91	3	7.7	9.4	19.3	1.2	84.07	9.169	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/25/71-06/04/91	2	12.45	12.45	18.	6.9	61.605	7.849	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/25/71-06/04/91	3	75.	50.	75.	0.	1875.	43.301	**	**	**	**
00400p	PH (STANDARD UNITS)	01/25/71-06/04/91	3	6.9	6.833	6.9	6.7	0.013	0.115	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	01/25/71-06/04/91	3	6.9	6.823	6.9	6.7	0.014	0.116	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/71-06/04/91	3	0.126	0.15	0.2	0.126	0.002	0.043	**	**	**	**

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Station: GREE0034 Parameter Code: 00300

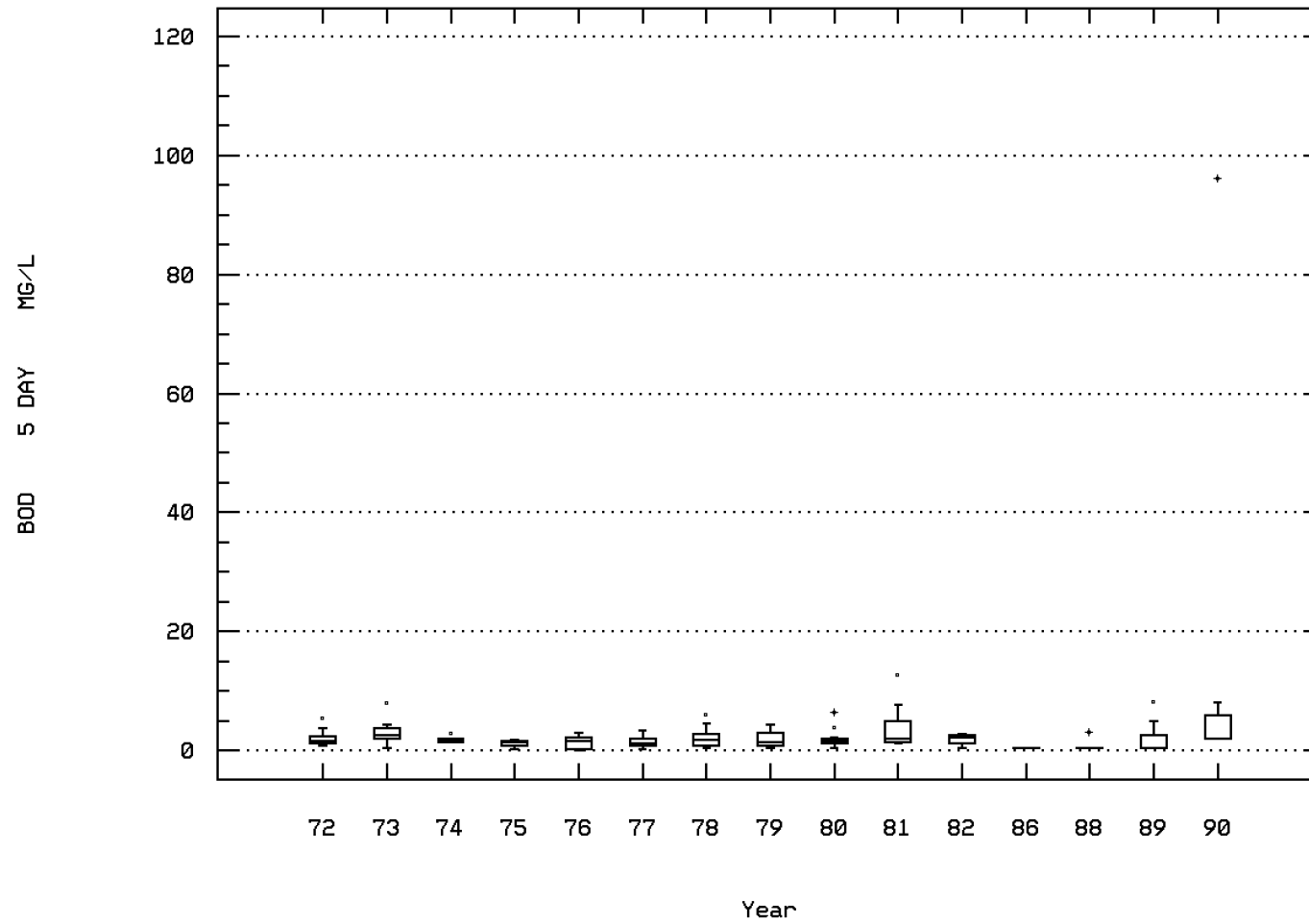
OXYGEN, DISSOLVED



PAINT BRANCH AT POWDER MILL ROAD

Station: GREE0034 Parameter Code: 00310

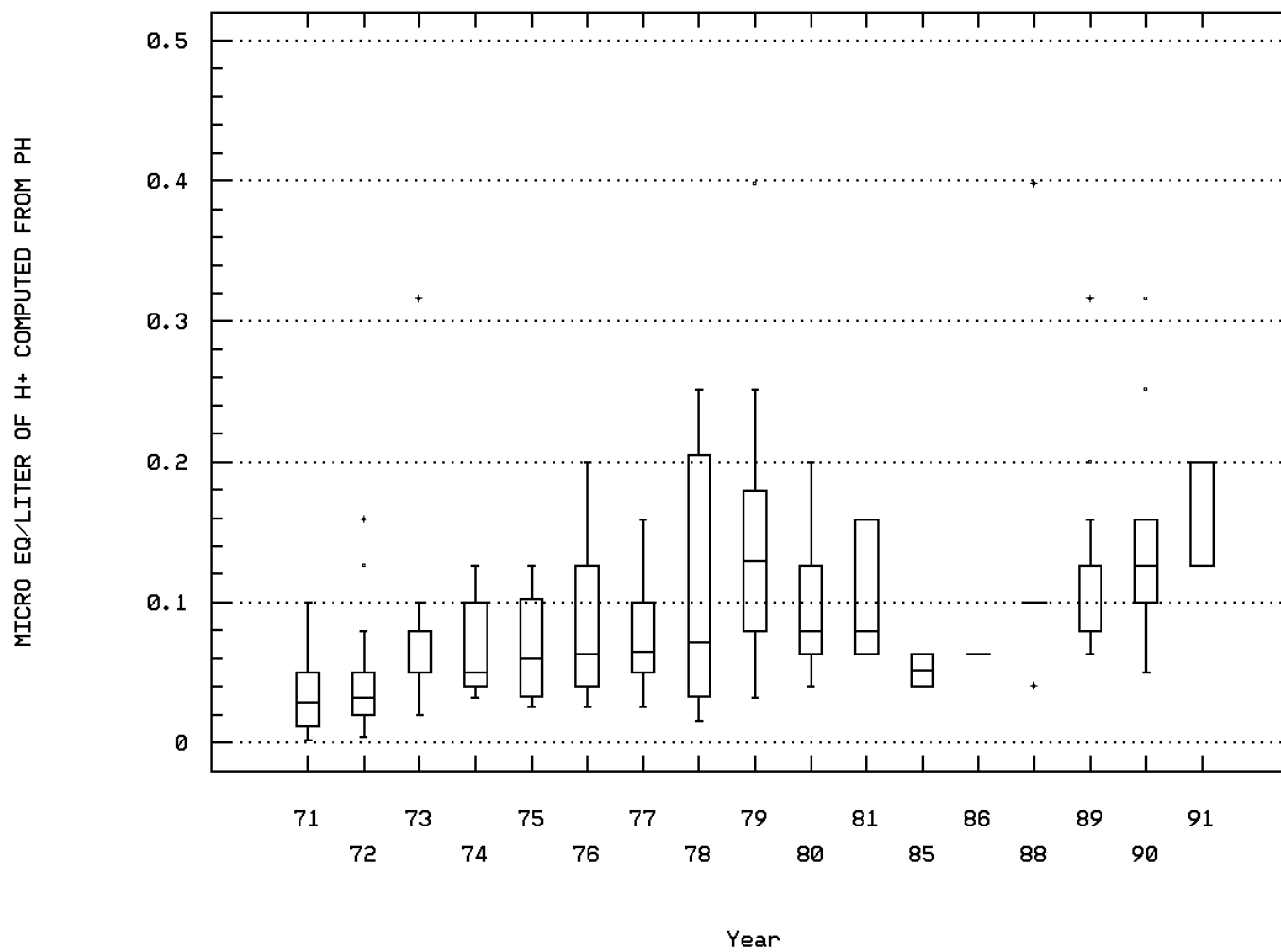
BOD, 5 DAY, 20 DEG C



PAINT BRANCH AT POWDER MILL ROAD

Station: GREE0034 Parameter Code: 00400

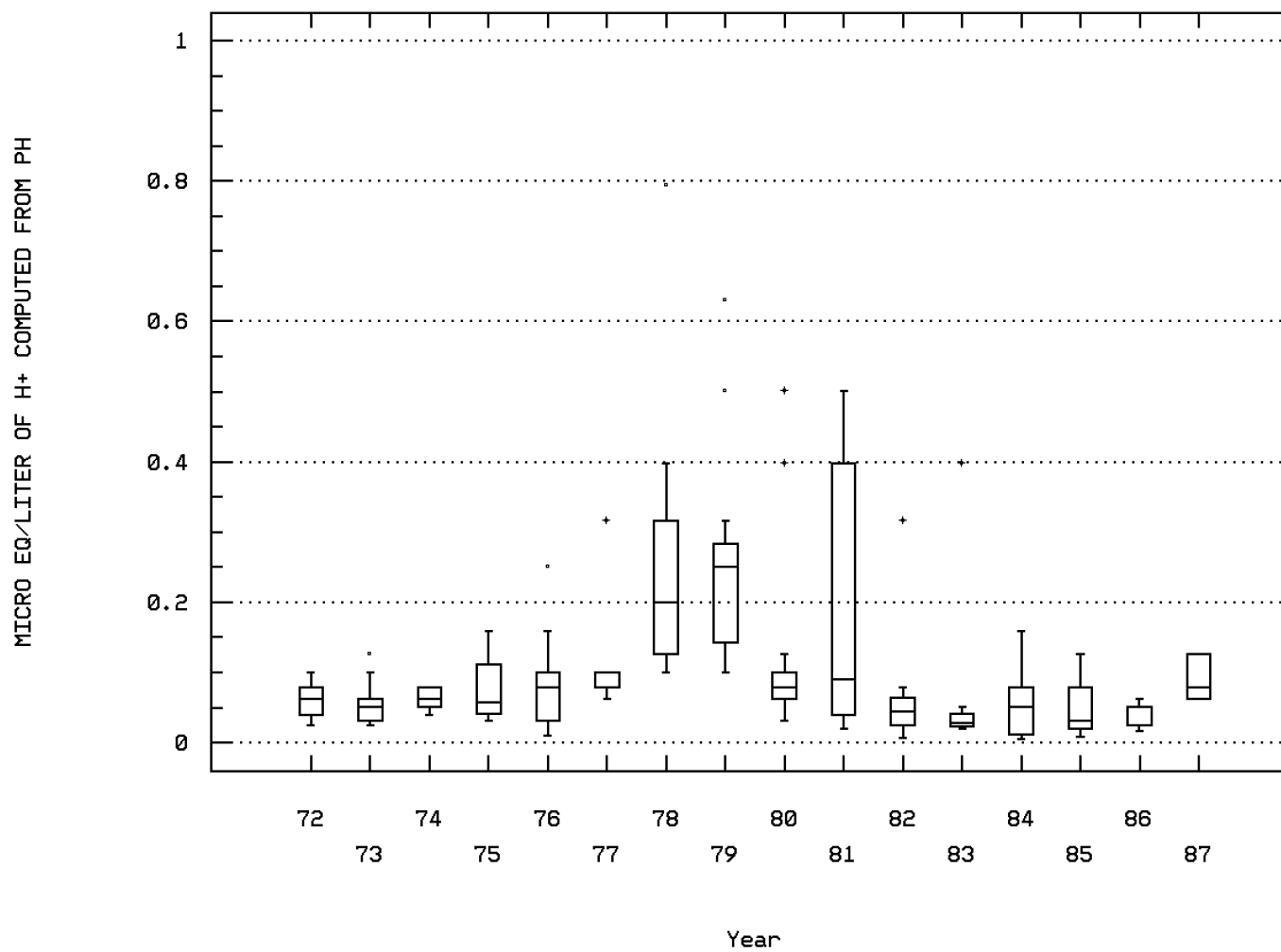
MICRO EQ/LITER OF H+ COMPUTED FROM PH



PAINT BRANCH AT POWDER MILL ROAD

Station: GREE0034 Parameter Code: 00403

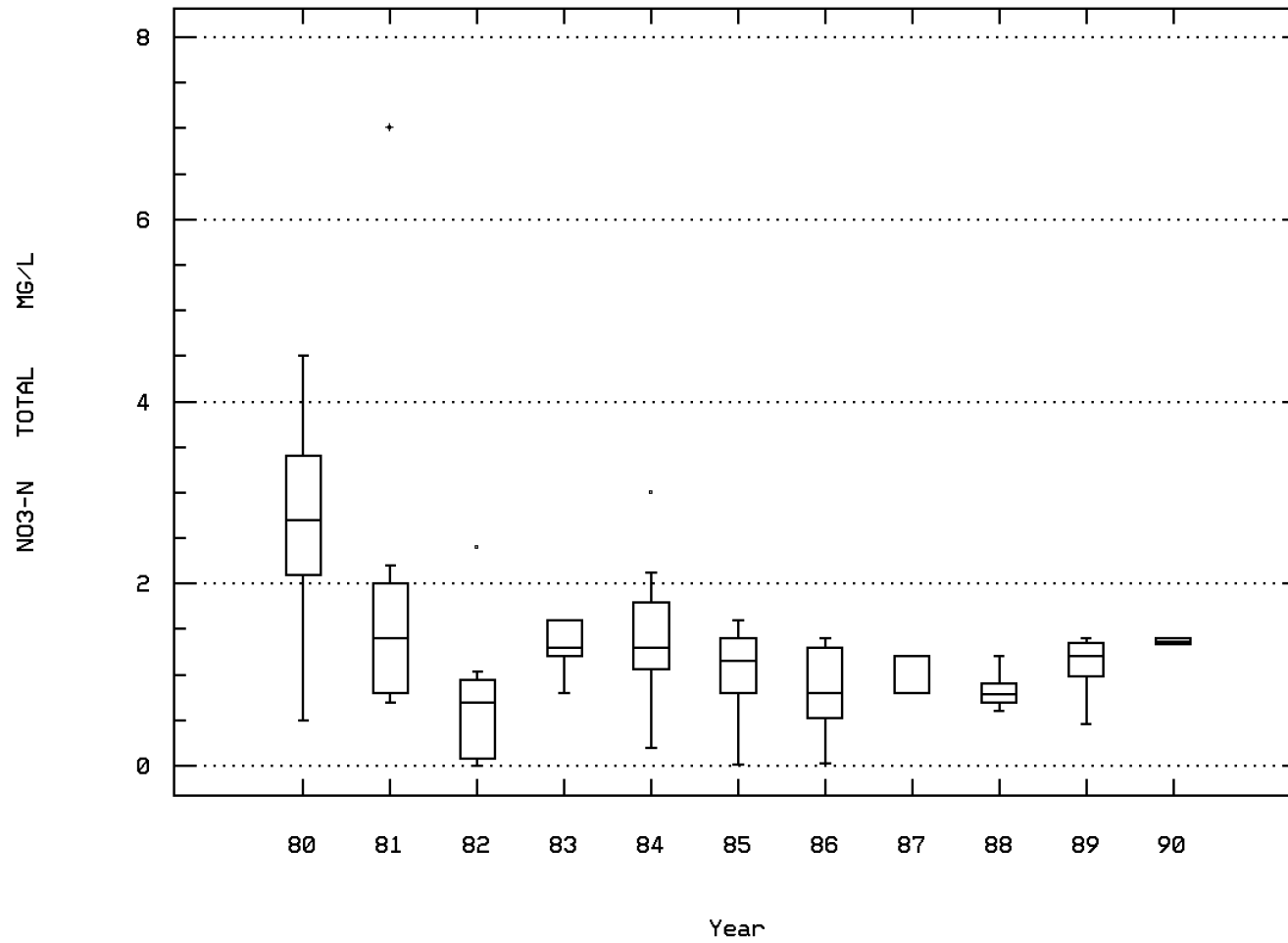
MICRO EQ/LITER OF H+ COMPUTED FROM PH



PAINT BRANCH AT POWDER MILL ROAD

Station: GREE0034 Parameter Code: 00620

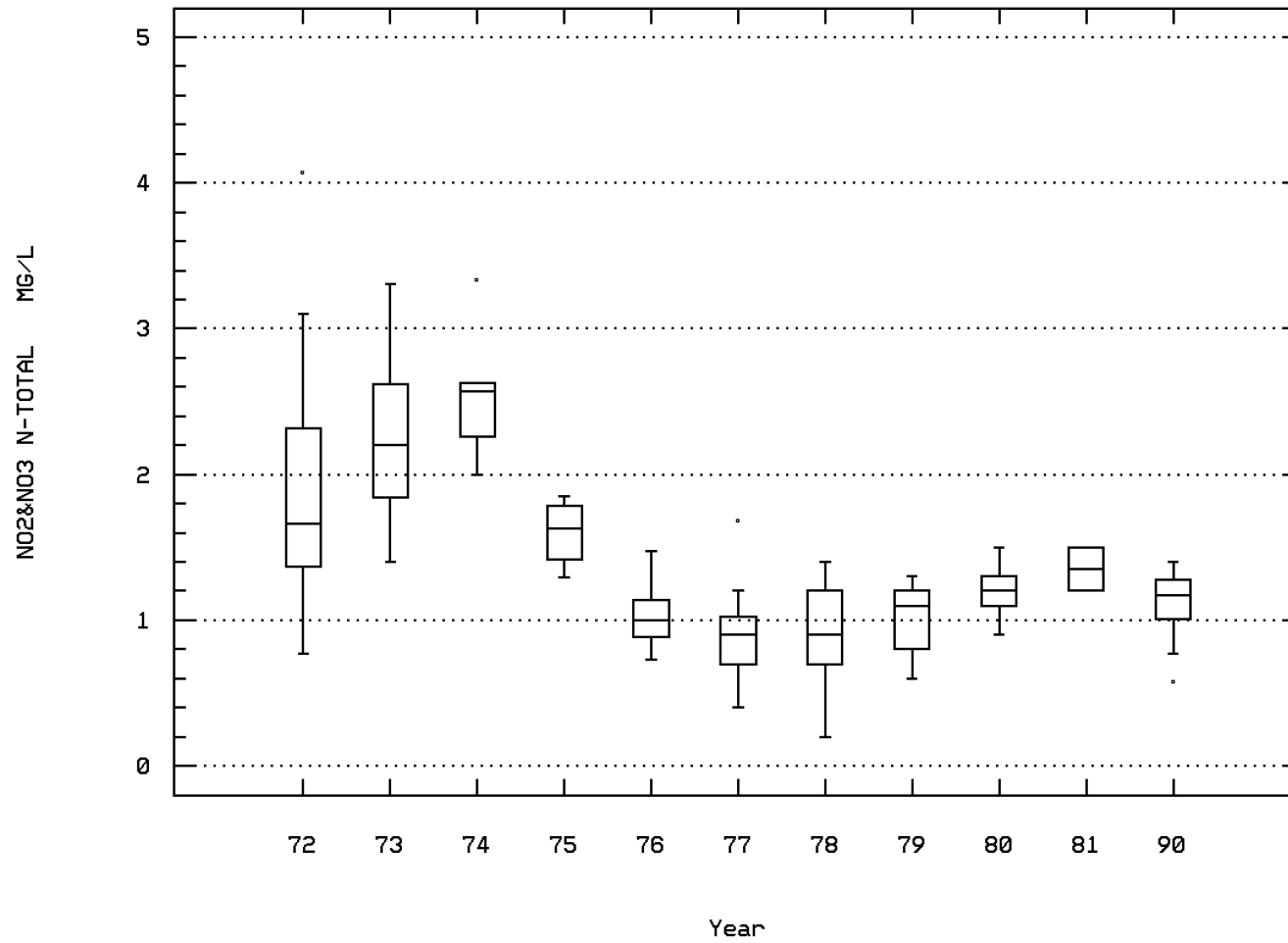
NITRATE NITROGEN, TOTAL (MG/L AS N)



PAINT BRANCH AT POWDER MILL ROAD

Station: GREE0034 Parameter Code: 00630

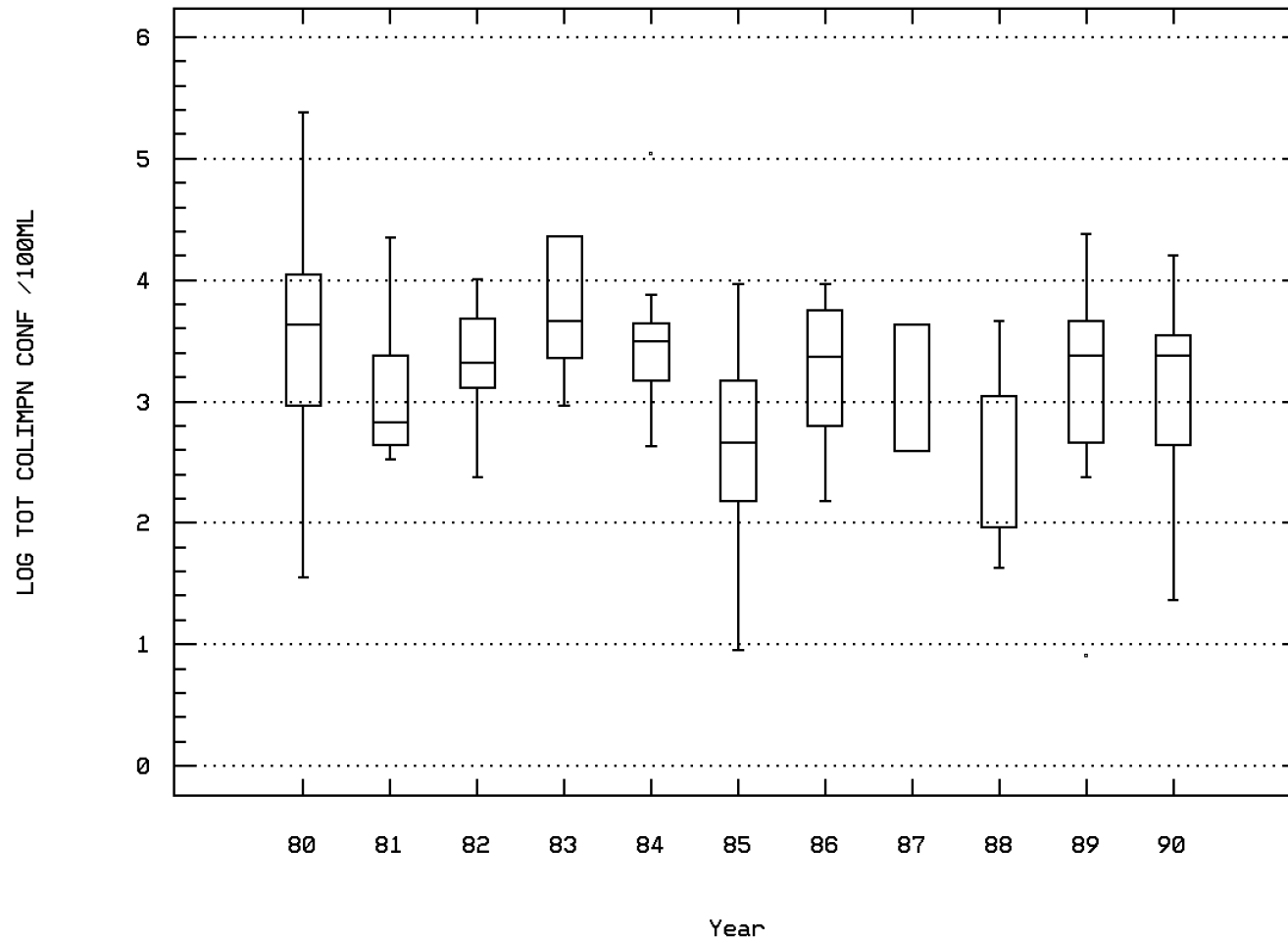
NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/



PAINT BRANCH AT POWDER MILL ROAD

Station: GREE0034 Parameter Code: 31505

LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C



PAINT BRANCH AT POWDER MILL ROAD

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station GREE0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/71-06/04/91	60	20.	19.128	23.2	2.3	14.157	3.763	15.07	17.	22.	22.94
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/25/71-06/04/91	60	22.	22.06	33.	8.	26.052	5.104	15.04	18.25	25.	27.96
00032	CLOUD COVER (PERCENT)	01/25/71-06/04/91	60	25.	42.5	100.	0.	1997.881	44.698	0.	0.	100.	100.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/14/85-06/04/91	16	171.	163.188	218.	86.	1586.429	39.83	100.	128.5	192.5	215.9
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/20/80-03/02/87	23	161.	155.13	193.	82.	993.573	31.521	108.8	128.	182.	190.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/85-06/04/91	15	9.	8.907	10.1	7.8	0.408	0.639	8.04	8.3	9.3	9.92
00300	OXYGEN, DISSOLVED MG/L	01/25/71-04/07/81	44	8.85	8.957	11.	7.1	0.732	0.855	7.95	8.25	9.7	10.
00301p	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/25/71-10/04/88	30	96.15	96.613	111.6	78.9	82.934	9.107	85.36	90.6	103.65	111.08
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/11/72-12/11/90	61	1.	1.579	8.	0.	2.677	1.636	0.4	0.5	1.9	3.
00400p	PH (STANDARD UNITS)	01/25/71-06/04/91	52	7.25	7.321	8.5	6.5	0.228	0.478	6.73	7.	7.6	8.14
00400p	CONVERTED PH (STANDARD UNITS)	01/25/71-06/04/91	52	7.247	7.124	8.5	6.5	0.268	0.518	6.73	7.	7.6	8.14
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/71-06/04/91	52	0.057	0.075	0.316	0.003	0.004	0.066	0.007	0.025	0.1	0.187
00403p	PH, LAB, STANDARD UNITS SU	01/11/72-03/02/87	60	7.25	7.238	8.3	6.3	0.234	0.484	6.51	6.9	7.5	7.79
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/11/72-03/02/87	60	7.247	6.992	8.3	6.3	0.296	0.544	6.51	6.9	7.5	7.79
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/11/72-03/02/87	60	0.057	0.102	0.501	0.005	0.014	0.117	0.016	0.032	0.126	0.31
00500p	RESIDUE, TOTAL (MG/L)	09/04/75-02/06/90	22	97.	105.273	189.	36.	1222.017	34.957	72.1	82.25	118.25	172.7
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	03/07/83-12/11/90	18 ##	0.02	0.058	0.5	0.01	0.013	0.116	0.01	0.015	0.035	0.167
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/20/80-03/02/87	28	0.01	0.035	0.34	0.	0.004	0.065	0.	0.004	0.05	0.055
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/20/80-02/06/90	37	0.9	1.27	7.	0.025	1.518	1.232	0.4	0.65	1.35	2.82
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/72-12/11/90	41	1.2	1.349	2.8	0.7	0.272	0.522	0.868	1.	1.625	2.332
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/11/72-06/05/80	32	0.165	0.181	0.75	0.02	0.022	0.148	0.05	0.08	0.225	0.336
00940	CHLORIDE, TOTAL IN WATER MG/L	05/20/80-03/02/87	25	26.	23.52	44.	7.	95.593	9.777	8.	13.5	31.	33.
01027	CADMIUM, TOTAL (UG/L AS CD)	05/20/80-03/02/87	26	1.	1.163	3.	0.	0.914	0.956	0.035	0.5	2.	3.
01051	LEAD, TOTAL (UG/L AS PB)	05/20/80-03/02/87	26	2.	9.423	141.	0.	780.334	27.934	0.	0.375	5.25	19.8
01092	ZINC, TOTAL (UG/L AS ZN)	05/20/80-03/02/87	26	5.	15.597	111.	0.015	859.222	29.312	0.85	2.75	10.	75.1
31505	COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	01/14/80-12/11/90	43	2400.	12472.86	240000.	43.	1549272058.98	39360.793	254.	1100.	6400.	16000.
31505	LOG COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 3150	01/14/80-12/11/90	43	3.38	3.416	5.38	1.633	0.528	0.727	2.402	3.041	3.806	4.204
31505	GM COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506	GEOMETRIC MEAN =			2608.309								
31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	01/11/72-11/27/79	32	4450.	37868.75	460000.	230.	9285208701.613	96359.788	386.	1700.	21750.	181800.
31506	LOG COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	01/11/72-11/27/79	32	3.648	3.755	5.663	2.362	0.707	0.841	2.516	3.223	4.329	5.165
31506	GM COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			5688.371								
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	01/11/72-11/27/79	32	680.	17784.906	460000.	43.	6558758935.12	80986.165	110.1	230.	4200.	24000.
31614	LOG FECAL COLIFORM, MPN, TUBE CONFIGURATION	01/11/72-11/27/79	32	2.801	2.998	5.663	1.633	0.794	0.891	2.031	2.362	3.623	4.38
31614	GM FECAL COLIFORM, MPN, TUBE CONFIGURATION	GEOMETRIC MEAN =			994.544								
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	01/14/80-12/11/90	33	300.	4869.879	110000.	36.	366890684.547	19154.391	68.	235.	2000.	8160.
31615	LOG FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	01/14/80-12/11/90	33	2.477	2.76	5.041	1.556	0.568	0.754	1.81	2.371	3.296	3.861
31615	GM FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	GEOMETRIC MEAN =			576.015								
70505	PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	05/20/80-03/02/87	25	0.03	0.064	0.3	0.	0.007	0.082	0.003	0.005	0.105	0.22

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station GREE0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/71-06/04/91	83	5.4	4.952	13.5	-1.	12.644	3.556	0.	2.	8.	3.28
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/25/71-06/04/91	77	8.	6.266	18.	-5.	24.291	4.929	1.32	5.	-4.	12.2
00032	CLOUD COVER (PERCENT)	01/25/71-06/04/91	85	25.	47.941	100.	0.	1952.556	44.188	0.	0.	100.	100.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/14/85-06/04/91	17	176.	316.294	1690.	147.	150609.471	388.084	151.8	160.	204.5	918.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/20/80-03/02/87	33	151.	217.152	1300.	55.	49885.195	223.35	106.	135.	178.	401.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/85-06/04/91	17	12.4	12.094	13.8	9.2	1.451	1.204	9.6	11.6	12.9	13.48
00300	OXYGEN, DISSOLVED MG/L	01/25/71-04/07/81	64	12.2	12.316	15.2	8.9	2.013	1.419	10.6	11.225	13.575	14.3
00301p	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/25/71-10/04/88	37	93.4	92.551	105.7	74.8	52.593	7.252	80.62	88.2	97.45	102.58
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/11/72-12/11/90	79	1.9	3.325	96.	0.5	114.044	10.679	1.	1.	2.5	3.8
00400p	PH (STANDARD UNITS)	01/25/71-06/04/91	79	7.1	7.097	8.8	6.4	0.13	0.361	6.7	6.9	7.3	7.5
00400p	CONVERTED PH (STANDARD UNITS)	01/25/71-06/04/91	79	7.1	6.975	8.8	6.4	0.145	0.381	6.7	6.9	7.3	7.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/71-06/04/91	79	0.079	0.106	0.398	0.002	0.007	0.082	0.032	0.05	0.126	0.2
00403p	PH, LAB, STANDARD UNITS SU	01/11/72-03/02/87	88	7.1	7.03	7.8	6.	0.143	0.378	6.49	6.825	7.3	7.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station GREE0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/11/72-03/02/87	88	7.1	6.841	7.8	6.	0.179	0.423	6.49	6.825	7.3	7.5
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/11/72-03/02/87	88	0.079	0.144	1.	0.016	0.032	0.178	0.032	0.05	0.15	0.324
00500p	RESIDUE, TOTAL (MG/L)	09/04/75-02/06/90	31	94.	104.097	304.	5.	2746.157	52.404	56.4	82.	112.	170.2
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	03/07/83-12/11/90	18 ##	0.033	0.072	0.307	0.01	0.008	0.087	0.015	0.015	0.095	0.265
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/20/80-03/02/87	37	0.02	0.062	0.8	0.	0.02	0.142	0.	0.01	0.05	0.172
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/20/80-02/06/90	43	1.3	1.573	4.5	0.02	0.938	0.968	0.7	1.	2.	3.24
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/72-12/11/90	60	1.305	1.57	4.07	0.4	0.64	0.8	0.8	1.005	2.113	2.846
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/11/72-06/05/80	48	0.1	0.183	1.94	0.03	0.089	0.299	0.04	0.063	0.18	0.353
00940	CHLORIDE,TOTAL IN WATER MG/L	05/20/80-03/02/87	36	28.	41.472	150.	6.	1135.685	33.7	14.8	22.25	51.75	98.4
01027	CADMIUM, TOTAL (UG/L AS CD)	05/20/80-03/02/87	36	1.	2.443	20.	0.	16.027	4.003	0.035	0.5	3.	4.6
01051	LEAD, TOTAL (UG/L AS PB)	05/20/80-03/02/87	36	2.25	5.319	76.	0.	163.616	12.791	0.	0.5	5.5	12.
01092	ZINC, TOTAL (UG/L AS ZN)	05/20/80-03/02/87	35	5.	8.202	48.	0.	94.045	9.698	0.32	2.	12.	17.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/14/80-12/11/90	57	1850.	3564.737	29000.	8.	28990873.376	5384.317	89.4	430.	4300.	9450.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/14/80-12/11/90	57	3.267	3.1	4.462	0.903	0.566	0.752	1.95	2.633	3.633	3.975
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1259.158								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/11/72-11/27/79	44	2300.	6941.636	46000.	9.	139991784.934	11831.812	210.	430.	9300.	24000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/11/72-11/27/79	44	3.362	3.234	4.663	0.954	0.664	0.815	2.322	2.633	3.968	4.38
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1712.79								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/11/72-11/27/79	44	230.	968.273	9300.	1.5	4106813.354	2026.527	29.5	91.	930.	2350.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/11/72-11/27/79	44	2.362	2.359	3.968	0.176	0.685	0.828	1.459	1.959	2.968	3.371
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			228.604								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/14/80-12/11/90	38	242.5	666.447	4290.	8.	964052.903	981.862	27.5	100.	645.	2400.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/14/80-12/11/90	38	2.385	2.402	3.632	0.903	0.44	0.663	1.439	2.	2.797	3.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			252.366								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/20/80-03/02/87	34	0.03	0.061	0.29	0.	0.005	0.07	0.	0.005	0.1	0.18

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GREE0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/71-06/04/91	54	14.4	14.943	21.6	7.	14.384	3.793	9.	12.675	19.	20.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/25/71-06/04/91	54	18.	17.885	30.	6.8	24.647	4.965	11.	14.825	22.	24.55
00032	CLOUD COVER (PERCENT)	01/25/71-06/04/91	52	12.5	38.942	100.	0.	1970.918	44.395	0.	0.	100.	100.
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/14/85-06/04/91	15	157.	161.133	192.	137.	271.981	16.492	137.	153.	177.	183.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/20/80-03/02/87	18	145.5	581.889	8000.	109.	3428460.693	1851.61	109.	120.	169.25	1019.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/85-06/04/91	15	9.3	9.547	10.8	8.2	0.531	0.729	8.5	9.1	10.	10.8
00300	OXYGEN, DISSOLVED MG/L	01/25/71-04/07/81	39	10.2	10.321	13.4	8.5	1.601	1.265	8.7	9.3	11.	12.3
00301p	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/25/71-10/04/88	27	101.	101.53	117.2	84.	60.558	7.782	91.72	96.7	107.4	112.84
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/11/72-12/11/90	47	1.4	1.996	8.	0.2	3.157	1.777	0.5	1.	2.4	5.06
00400p	PH (STANDARD UNITS)	01/25/71-06/04/91	52	7.2	7.233	8.7	6.5	0.139	0.373	6.83	7.	7.4	7.67
00400p	CONVERTED PH (STANDARD UNITS)	01/25/71-06/04/91	52	7.2	7.11	8.7	6.5	0.155	0.393	6.83	7.	7.4	7.67
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/71-06/04/91	52	0.063	0.078	0.316	0.002	0.003	0.058	0.022	0.04	0.1	0.149
00403p	PH, LAB, STANDARD UNITS SU	01/11/72-03/02/87	48	7.3	7.26	8.2	6.1	0.128	0.358	6.9	7.1	7.5	7.61
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/11/72-03/02/87	48	7.3	7.077	8.2	6.1	0.163	0.404	6.9	7.1	7.5	7.61
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/11/72-03/02/87	48	0.05	0.084	0.794	0.006	0.016	0.125	0.025	0.032	0.079	0.126
00500p	RESIDUE, TOTAL (MG/L)	09/04/75-02/06/90	14	99.	285.714	1865.	68.	253177.912	503.168	73.	82.75	146.75	1386.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	03/07/83-12/11/90	16	0.032	0.094	0.39	0.015	0.019	0.137	0.015	0.015	0.088	0.369
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/20/80-03/02/87	18	0.011	0.021	0.05	0.	0.	0.02	0.	0.005	0.05	0.05
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/20/80-02/06/90	24	1.15	1.03	2.1	0.005	0.284	0.533	0.055	0.7	1.3	1.75
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/72-12/11/90	36	1.235	1.438	3.33	0.2	0.449	0.67	0.77	1.	1.903	2.281
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/11/72-06/05/80	28	0.115	0.148	0.54	0.015	0.013	0.115	0.03	0.063	0.2	0.295
00940	CHLORIDE, TOTAL IN WATER MG/L	05/20/80-03/02/87	18	24.5	24.306	53.	0.5	159.504	12.629	11.75	14.75	31.	47.6
01027	CADMIUM, TOTAL (UG/L AS CD)	05/20/80-03/02/87	18	0.5	1.585	8.	0.	6.122	2.474	0.	0.038	1.5	6.2
01051	LEAD, TOTAL (UG/L AS PB)	05/20/80-03/02/87	18	2.	2.439	9.	0.	6.22	2.494	0.	0.5	4.25	6.3
01092	ZINC, TOTAL (UG/L AS ZN)	05/20/80-03/02/87	18	5.	9.386	36.	0.015	121.125	11.006	0.015	0.975	14.75	32.4
31505	COLIFORM, TOT, MPN, CONFIRMED TEST, 35C (TUBE 31506)	01/14/80-12/11/90	31	2300.	5986.419	24000.	9.	62355508.785	7896.55	240.	1100.	9300.	23000.

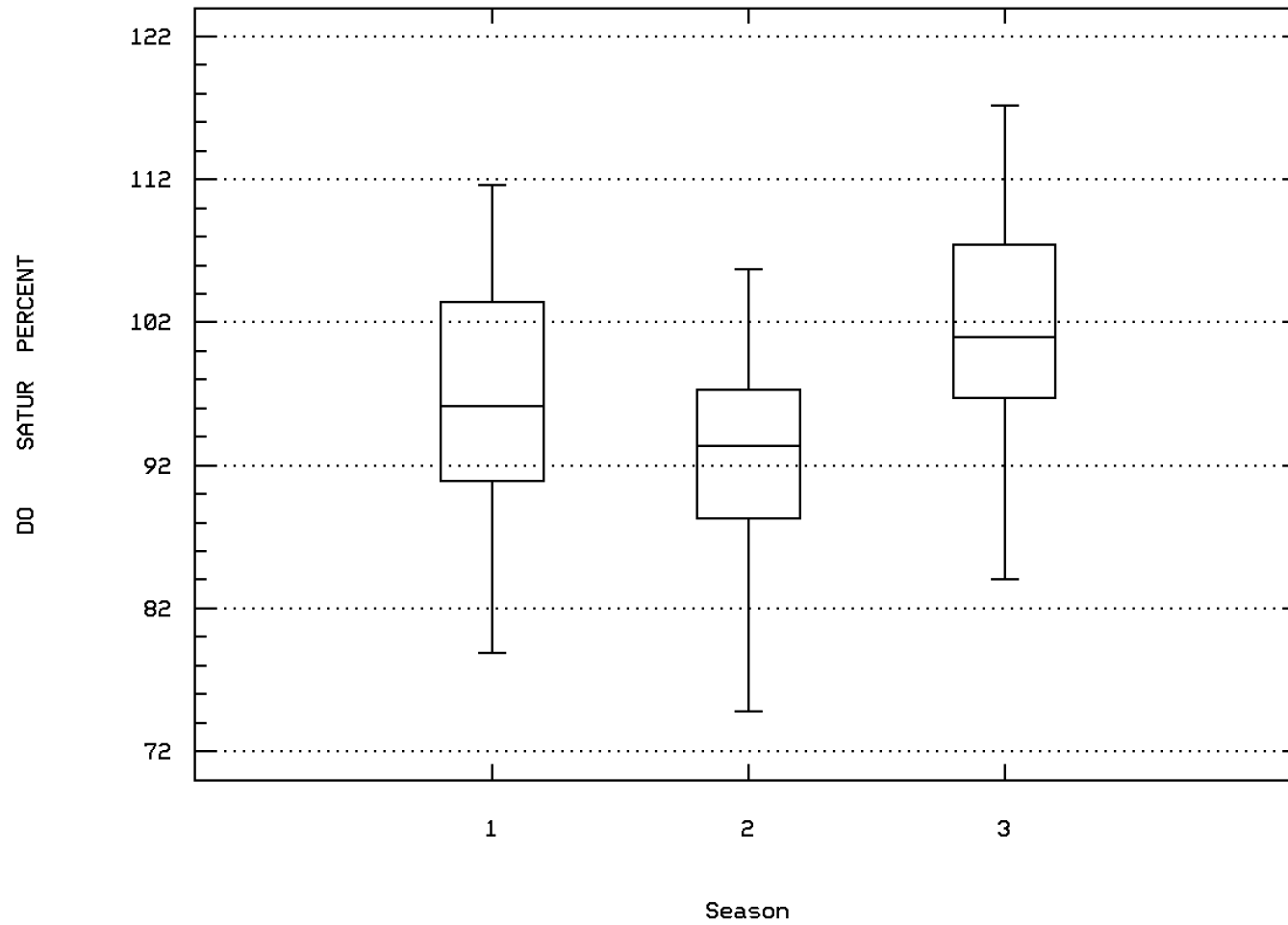
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GREE0034

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505 LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/14/80-12/11/90	31	3.362	3.309	4.38	0.954	0.602	0.776	2.38	3.041	3.968	4.362
31505 GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2039.282								
31506 COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/11/72-11/27/79	26	1900.	23104.269	240000.	90.	2770848704.285	52638.852	188.3	885.	14250.	98100.
31506 LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/11/72-11/27/79	26	3.269	3.469	5.38	1.954	0.851	0.923	2.241	2.945	4.126	4.99
31506 GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			2946.531								
31614 FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/11/72-11/27/79	26	330.	2041.038	15000.	36.	16307679.878	4038.277	40.	92.5	2300.	7720.
31614 LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/11/72-11/27/79	26	2.498	2.645	4.176	1.556	0.625	0.791	1.602	1.966	3.362	3.817
31614 GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			442.01								
31615 FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/14/80-12/11/90	24	430.	3858.542	23000.	16.	56497155.303	7516.459	65.	132.5	2400.	23000.
31615 LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/14/80-12/11/90	24	2.633	2.816	4.362	1.204	0.793	0.891	1.775	2.122	3.38	4.362
31615 GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			654.821								
70505 PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/20/80-03/02/87	18	0.04	0.192	2.	0.005	0.219	0.468	0.019	0.02	0.115	0.668

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

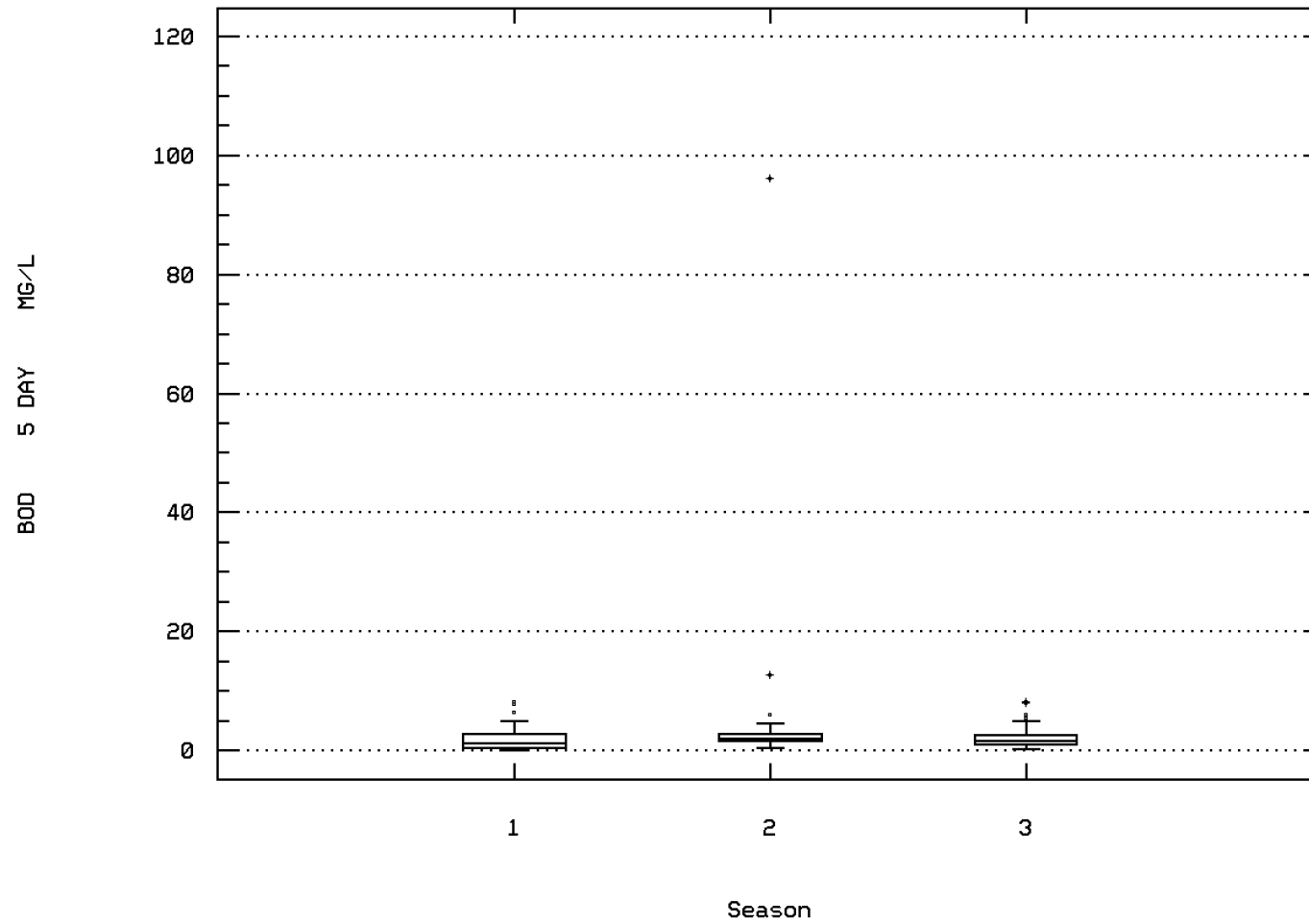
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OXYGEN, DISSOLVED, PERCENT OF SATURATIO



PAINT BRANCH AT POWDER MILL ROAD

Station: GREE0034 Parameter Code: 00310

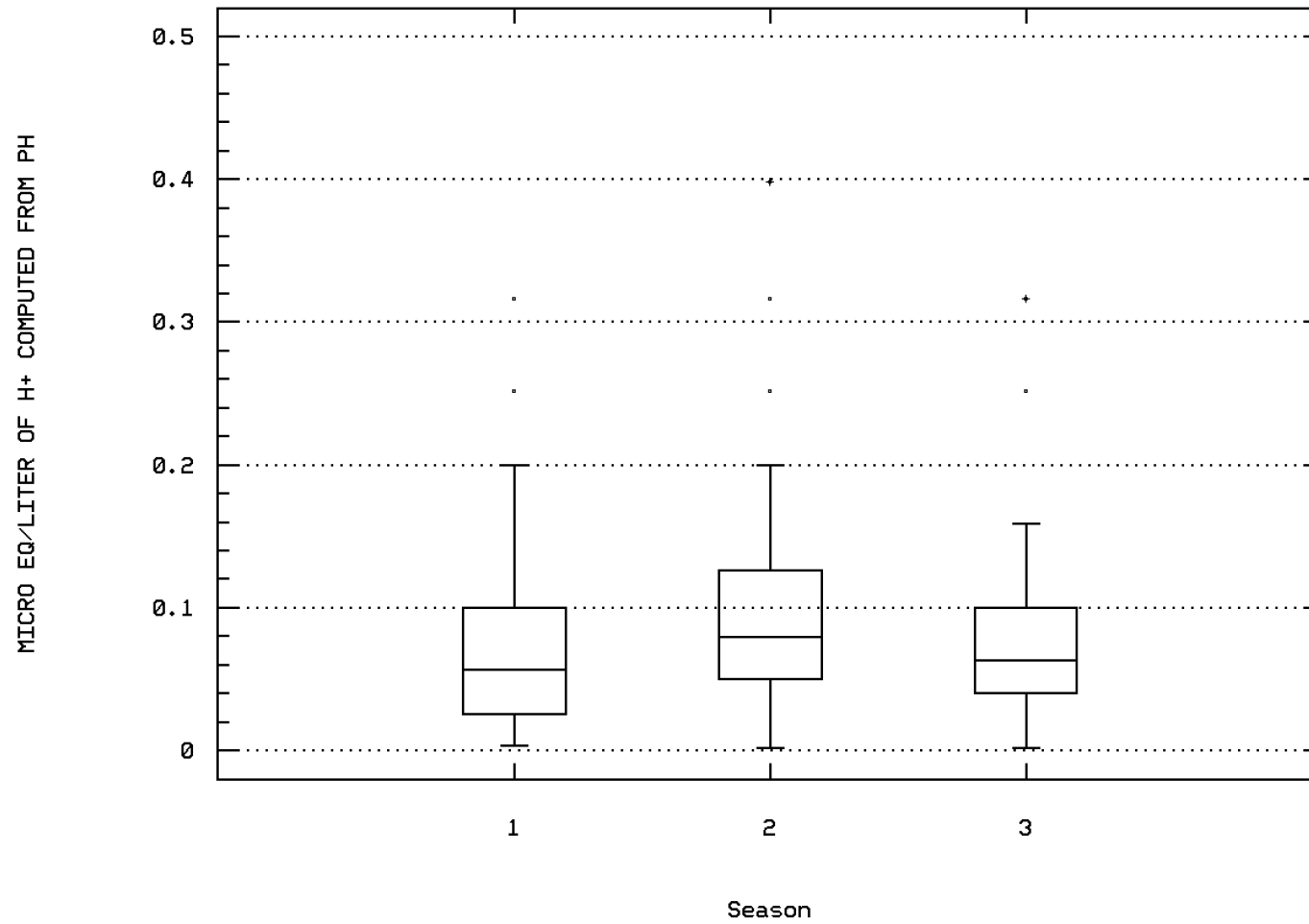
BOD, 5 DAY, 20 DEG C



PAINT BRANCH AT POWDER MILL ROAD

Station: GREE0034 Parameter Code: 00400

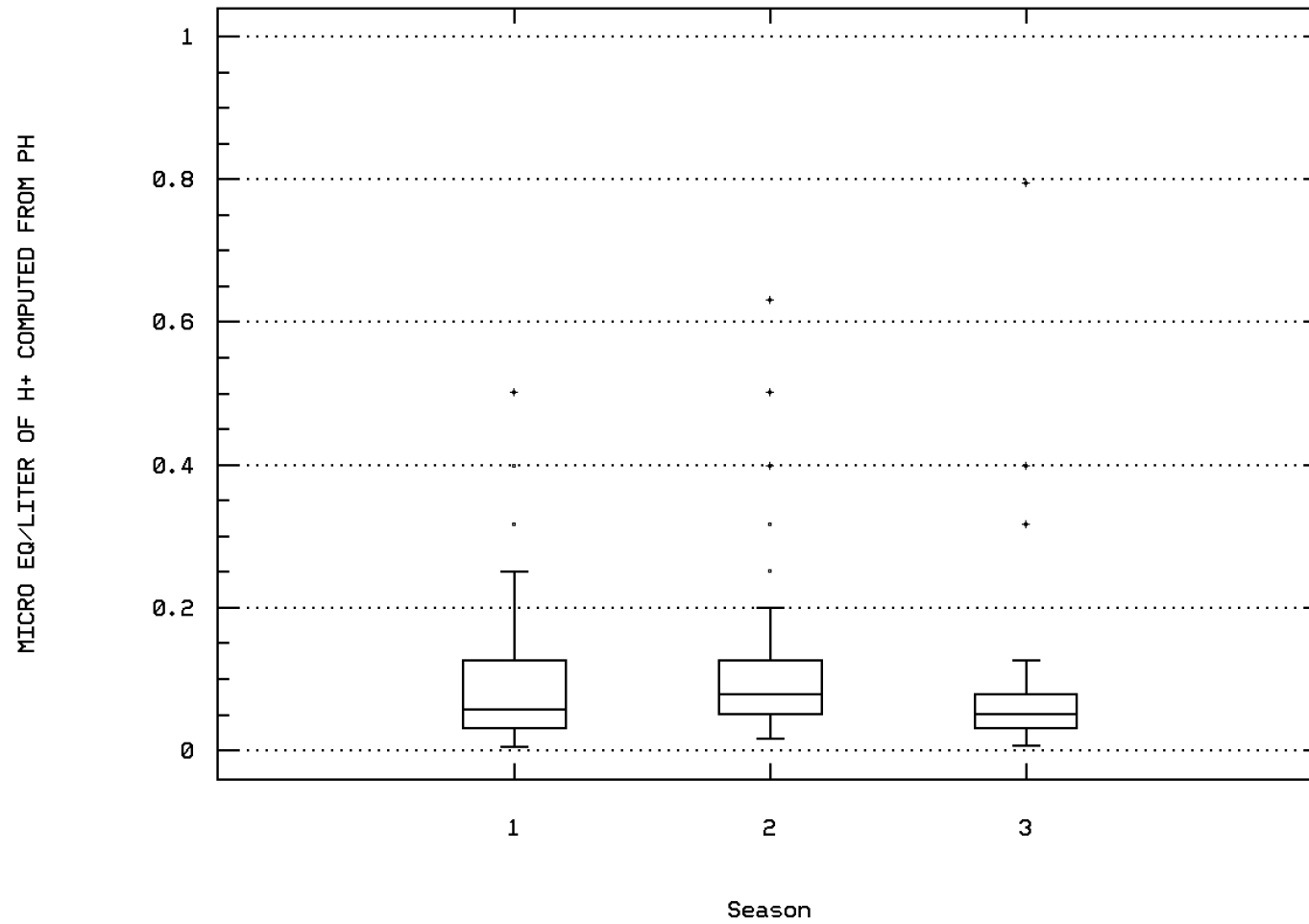
MICRO EQ/LITER OF H+ COMPUTED FROM PH



PAINT BRANCH AT POWDER MILL ROAD

Station: GREE0034 Parameter Code: 00403

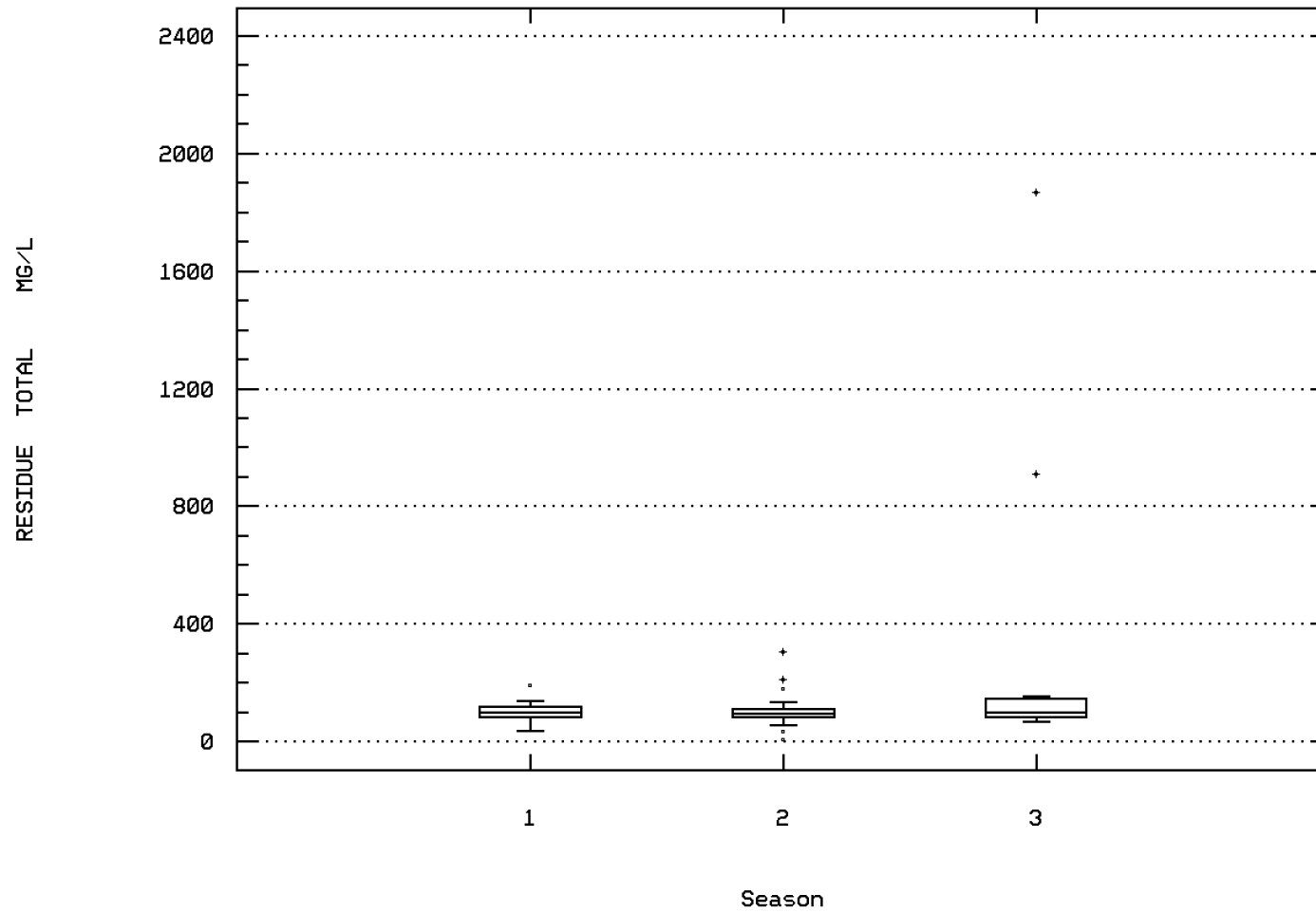
MICRO EQ/LITER OF H+ COMPUTED FROM PH



PAINT BRANCH AT POWDER MILL ROAD

Station: GREE0034 Parameter Code: 00500

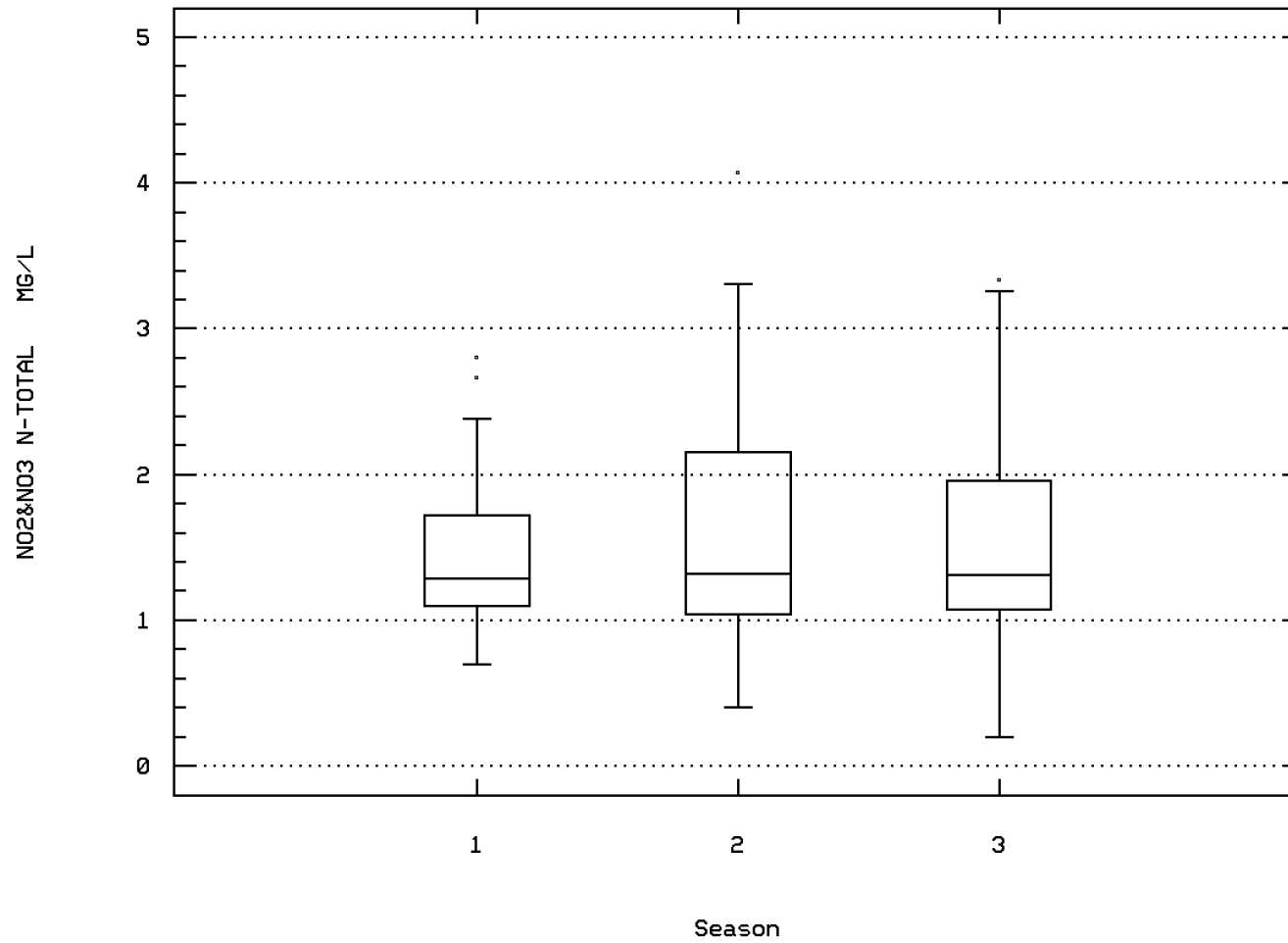
RESIDUE, TOTAL (MG/L)



PAINT BRANCH AT POWDER MILL ROAD

Station: GREE0034 Parameter Code: 00630

NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/



PAINT BRANCH AT POWDER MILL ROAD

Station Inventory for Station: GREE0035

NPS Station ID: GREE0035	LAT/LON: 39.033337/ -76.954170	Agency: 21MDPGHD	Date Created: / /
Location: PAINT BR-ADELPHI-POWDER MILL RD		FIPS State/County: 24033 MARYLAND/PRINCE GEORGES	
Station Type: /TYPA/AMBNT/STREAM		STORET Station ID(s): A-10 /PO-A-10	
RMI-Indexes: 0214001 002640		Within Park Boundary: No	
RMI-Miles: 0106.10 0016.60			
HUC: 02070010	Depth of Water: 0	Aquifer:	
Major Basin: NORTH ATLANTIC	Elevation: 0	Water Body Id:	
Minor Basin: POTOMAC		ECO Region:	
RF1 Index: 02070010030	RF1 Mile Point: 8.250	Distance from RF1: 0.00	On/Off RF1: OFF
RF3 Index: 02070010001607.93	RF3 Mile Point: 9.61	Distance from RF3: 0.06	On/Off RF3:
Description:			

Parameter Inventory for Station: GREE0035

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	59	10.	11.319	26.	0.	67.482	8.215	0.5	4.	18.	23.
00300 OXYGEN, DISSOLVED MG/L	12/18/73-12/02/80	56	11.75	11.755	15.4	7.2	5.408	2.326	8.67	9.65	14.3	15.
00400 PH (STANDARD UNITS)	12/18/73-12/02/80	58	7.195	7.221	10.62	6.2	0.446	0.668	6.49	6.837	7.592	7.715
00400 CONVERTED PH (STANDARD UNITS)	12/18/73-12/02/80	58	7.195	6.936	10.62	6.2	0.529	0.727	6.49	6.837	7.592	7.715
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/02/80	58	0.064	0.116	0.631	0.	0.016	0.127	0.019	0.026	0.146	0.324
01000 ARSENIC, DISSOLVED (UG/L AS AS)	10/27/75-03/22/76	6	3.5	4.	12.	0.	18.	4.243	**	**	**	**
30000 DIMETHOATE, SOIL, RECOVERABLE MG/KG	10/27/75-03/22/76	6	14.5	13.833	15.	11.	2.567	1.602	**	**	**	**
31501 COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/22/76-12/02/80	33	2300.	12573.727	210000.	43.	1372241411.58	37043.777	230.	430.	8400.	35000.
31501 LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	03/22/76-12/02/80	33	3.362	3.347	5.322	1.633	0.642	0.801	2.362	2.633	3.922	4.525
31501 GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2222.373								
31505 COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/18/73-02/23/76	16	5900.	6109.563	15000.	93.	18050025.729	4248.532	678.9	2300.	9300.	11010.
31505 LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	12/18/73-02/23/76	16	3.754	3.587	4.176	1.968	0.32	0.565	2.668	3.362	3.968	4.031
31505 GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3863.314								
31515 INVALID PARM	12/31/74-09/22/75	9	4300.	12043.333	43000.	390.	220853775.	14861.15	390.	750.	23000.	43000.
31615 FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	58	410.	1793.698	43000.	1.5	32770505.824	5724.553	23.	135.75	1500.	4300.
31615 LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	58	2.612	2.559	4.633	0.176	0.67	0.818	1.362	2.124	3.176	3.633
31615 GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			361.903								
40000 INVALID PARAMETER	10/27/75-03/22/76	6	7.15	7.183	7.6	6.8	0.102	0.319	**	**	**	**
50531 BENZENE, 1,2-PROPADIENYL- UG/L	10/27/75-03/22/76	6	4900.	5876.667	15000.	230.	33347306.667	5774.713	**	**	**	**
61500 MERCURY SLUDGE SOLID FRACTN,DRY WT,MG/KG	10/27/75-03/22/76	6	225.	1059.667	4300.	15.	2822642.667	1680.072	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GREE0035

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	56	0	0.00	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Fresh Chronic	9.	58	1	0.02	17	0	0.00	29	0	0.00	10	0	0.00			
	Other-Lo Lim.	6.5	58	7	0.12	17	2	0.12	32	5	0.16	9	0	0.00			
01000 ARSENIC, DISSOLVED	Fresh Acute	360.	6	0	0.00				6	0	0.00						
	Drinking Water	50.	6	0	0.00				6	0	0.00						
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	33	19	0.58	11	7	0.64	16	6	0.38	6	6	1.00			
31505 COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	16	13	0.81	3	3	1.00	11	8	0.73	2	2	1.00			
31615 FECAL COLIFORM, MPN	Other-Hi Lim.	200.	58	39	0.67	17	15	0.88	31	18	0.58	10	6	0.60			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station GREE0035

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/02/80	1	12.6	12.6	12.6	12.6	0.	0.	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-12/02/80	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/02/80	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/02/80	1	0.398	0.398	0.398	0.398	0.	0.	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	1	4300.	4300.	4300.	4300.	0.	0.	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	1	3.633	3.633	3.633	3.633	0.	0.	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =		4300.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GREE0035

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	11	12.	11.545	24.	4.	50.123	7.08	4.	5.	18.
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/02/80	11	10.8	10.6	13.3	8.6	2.958	1.72	8.64	8.8	12.1
00400	PH (STANDARD UNITS)	12/18/73-12/02/80	11	6.9	6.964	7.7	6.4	0.167	0.408	6.4	6.7	7.3
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/02/80	11	6.9	6.808	7.7	6.4	0.193	0.44	6.4	6.7	7.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/02/80	11	0.126	0.156	0.398	0.02	0.018	0.132	0.024	0.05	0.2
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	11	430.	1095.273	4300.	15.	1846392.818	1358.82	20.6	150.	2300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	11	2.633	2.597	3.633	1.176	0.597	0.773	1.268	2.176	3.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =		394.914								3.579

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GREE0035

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	11	10.5	11.455	21.5	4.	41.923	6.475	4.	4.	16.
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/02/80	11	11.6	11.227	14.	8.4	3.436	1.854	8.5	9.6	12.6
00400	PH (STANDARD UNITS)	12/18/73-12/02/80	11	7.3	7.318	7.6	6.9	0.074	0.271	6.92	7.1	7.6
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/02/80	11	7.3	7.242	7.6	6.9	0.08	0.283	6.92	7.1	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/02/80	11	0.05	0.057	0.126	0.025	0.001	0.035	0.025	0.025	0.079
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	11	430.	1329.636	7500.	93.	4721203.655	2172.833	93.	150.	1500.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	11	2.633	2.722	3.875	1.968	0.373	0.611	1.968	2.176	3.176
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =		527.036								3.772

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GREE0035

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	12	11.5	11.333	24.	0.	90.061	9.49	0.3	1.5	21.
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/02/80	11	15.	13.564	15.	8.7	4.853	2.203	9.16	11.8	15.
00400	PH (STANDARD UNITS)	12/18/73-12/02/80	11	7.4	7.448	8.9	6.7	0.413	0.642	6.72	6.88	7.7
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/02/80	11	7.4	7.163	8.9	6.7	0.502	0.709	6.72	6.88	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/02/80	11	0.04	0.069	0.2	0.001	0.004	0.067	0.003	0.02	0.132
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	12	180.	1005.583	4300.	15.	2566418.811	1602.005	17.4	40.5	1357.5
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	12	2.249	2.365	3.633	1.176	0.736	0.858	1.232	1.513	3.124
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =		231.731								3.633

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GREE0035

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	10	6.65	10.43	23.	0.	90.938	9.536	0.	1.5	21.5	23.
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/02/80	9	10.8	10.767	14.5	7.2	6.79	2.606	7.2	8.65	13.15	14.5
00400	PH (STANDARD UNITS)	12/18/73-12/02/80	10	7.045	7.394	10.62	6.5	1.387	1.178	6.53	6.837	7.45	10.318
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/02/80	10	7.021	6.972	10.62	6.5	1.585	1.259	6.53	6.837	7.45	10.318
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/02/80	10	0.095	0.107	0.316	0.	0.008	0.091	0.003	0.036	0.146	0.3
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	9	430.	1161.833	4300.	1.5	2044214.625	1429.76	1.5	152.5	2100.	4300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	9	2.633	2.528	3.633	0.176	1.085	1.042	0.176	2.118	3.322	3.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			337.558								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GREE0035

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	6	9.5	10.333	22.	2.	53.867	7.339	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/02/80	6	12.25	12.35	14.5	10.2	3.387	1.84	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-12/02/80	6	6.55	6.633	7.2	6.2	0.131	0.361	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/02/80	6	6.547	6.526	7.2	6.2	0.144	0.38	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/02/80	6	0.284	0.298	0.631	0.063	0.042	0.204	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	6	230.	7341.5	43000.	9.	305185509.5	17469.56	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	6	2.362	2.52	4.633	0.954	1.42	1.192	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			331.223								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GREE0035

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	8	15.5	14.	26.	0.	103.714	10.184	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/02/80	7	11.4	12.2	15.4	8.4	7.83	2.798	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-12/02/80	8	7.51	7.458	7.93	6.93	0.124	0.352	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/02/80	8	7.503	7.336	7.93	6.93	0.141	0.375	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/02/80	8	0.031	0.046	0.117	0.012	0.001	0.037	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	8	330.	811.	4300.	43.	2039115.143	1427.976	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	8	2.498	2.501	3.633	1.633	0.377	0.614	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			316.907								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station GREE0035

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	17	21.5	20.	26.	10.	20.969	4.579	11.6	17.	23.5	25.2
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/02/80	17	9.8	10.224	15.4	7.2	4.891	2.211	8.16	8.75	10.75	14.92
00400	PH (STANDARD UNITS)	12/18/73-12/02/80	17	7.6	7.348	8.1	6.4	0.28	0.53	6.48	6.8	7.675	7.964
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/02/80	17	7.6	7.028	8.1	6.4	0.389	0.624	6.48	6.8	7.675	7.964
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/02/80	17	0.025	0.094	0.398	0.008	0.015	0.122	0.011	0.021	0.163	0.333
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	17	430.	3805.471	43000.	23.	106227320.015	10306.664	124.6	260.	2750.	14600.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	17	2.633	2.841	4.633	1.362	0.57	0.755	2.013	2.412	3.356	4.027
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			694.197								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station GREE0035

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	32	4	4.822	13	0	14.831	3.851	0	1.25	7.825	11.4
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/02/80	29	12.6	12.903	15	10.8	2.142	1.463	11.2	11.65	14.5	15
00400	PH (STANDARD UNITS)	12/18/73-12/02/80	32	7	7.153	10.62	6.2	0.64	0.8	6.4	6.813	7.208	7.67
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/02/80	32	7	6.855	10.62	6.2	0.732	0.855	6.4	6.812	7.207	7.67
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/02/80	32	0.1	0.14	0.631	0	0.02	0.141	0.022	0.062	0.154	0.398
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	31	230	980.5	4300	1.5	2079000.683	1441.874	15	75	1500	4300
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	31	2.362	2.384	3.633	0.176	0.783	0.885	1.176	1.875	3.176	3.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			242								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GREE0035

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	10	16.5	17.35	24.	10.5	13.669	3.697	10.95	15.75	20.25	23.7
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/02/80	10	9.5	11.03	15.	8.4	8.427	2.903	8.41	8.725	15.	15.
00400	PH (STANDARD UNITS)	12/18/73-12/02/80	9	7.2	7.224	7.6	6.8	0.083	0.289	6.8	6.95	7.465	7.6
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/02/80	9	7.2	7.136	7.6	6.8	0.092	0.304	6.8	6.95	7.465	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/02/80	9	0.063	0.073	0.158	0.025	0.003	0.052	0.025	0.034	0.119	0.158
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	10	230.	894.6	2300.	93.	947222.933	973.254	93.	135.75	2100.	2280.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	10	2.362	2.619	3.362	1.968	0.358	0.598	1.968	2.124	3.322	3.358
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			416.376								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GREE0036

NPS Station ID: GREE0036
Location: POWDER MILL RD. CROSSING
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 02070010
Major Basin: NORTH ATLANTIC
Minor Basin: POTOMAC RIVER
RF1 Index: 02070010
RF3 Index: 02070010064203.36
Description:
02-14-02-05 ANACOSTIA RIVER DRAINAGE
RECEIVING TRIBUTARY IS NORTHEAST CREEK

LAT/LON: 39.033781/ -76.903170

Depth of Water: 0
Elevation: 0

RF1 Mile Point: 0.000
RF3 Mile Point: 4.68

Agency: 21MDEXP
FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
STORET Station ID(s): INC0044
Within Park Boundary: No

Date Created: 10/11/80

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 22.60
Distance from RF3: 0.01

On/Off RF1:
On/Off RF3:

INDIAN CREEK RIVER MILE IS 4.40
POWDER MILL RD. CROSSING

Parameter Inventory for Station: GREE0036

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
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***** Data for this station locked by controlling agency *****

Station Inventory for Station: GREE0037

NPS Station ID: GREE0037
 Location: PAINT BRANCH AT NOL
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02070010
 Major Basin: NORTH ATLANTIC
 Minor Basin: POTOMAC RIVER
 RF1 Index: 02070010030
 RF3 Index: 02070010066300.00
 Description:

LAT/LON: 39.039726/ -76.965005

Depth of Water: 999
 Elevation: 0

RF1 Mile Point: 9.450
 RF3 Mile Point: 1.10

Agency: 21MDMONT
 FIPS State/County: 24031 MARYLAND/MONTGOMERY
 STORET Station ID(s): 58010
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 10.90
 Distance from RF3: 0.22

On/Off RF1: OFF
 On/Off RF3:

STATION ESTABLISHED ON PAINT BRANCH 100 FEET DOWN STREAM FROM N. O. L. SEWAGE TREATMENT PLANT EFFLUENT DISCHARGE PIPE AT PAINT BRANCH. SAMPL-
 ING DISCONTINUED JANUARY 1972. STATION LOACATED ON NAVAL ORDNANCE LABORATORY PROPERTY. STATION WAS ESTABLISHED JANUARY 1971.

Parameter Inventory for Station: GREE0037

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00075 TURBIDITY, HELIGE (PPM AS SILICON DIOXIDE)	11/24/71-12/28/71	2	1.	1.	2.	0.	2.	1.414	**	**	**	**
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/15/70-05/25/71	9	11.2	10.889	12.9	8.6	1.876	1.37	8.6	9.85	11.9	12.9
00300 OXYGEN, DISSOLVED MG/L	01/28/70-12/28/71	22	10.1	10.455	13.4	7.6	2.101	1.449	8.53	9.575	11.7	12.63
00310 BOD, 5 DAY, 20 DEG C MG/L	01/28/70-12/28/71	22	3.05	2.995	5.8	0.6	2.123	1.457	0.72	1.9	4.	5.28
00403 PH, LAB, STANDARD UNITS SU	01/28/70-12/28/71	22	7.2	7.159	7.6	6.7	0.07	0.265	6.7	7.	7.4	7.5
00403 CONVERTED PH, LAB, STANDARD UNITS	01/28/70-12/28/71	22	7.2	7.08	7.6	6.7	0.077	0.277	6.7	7.	7.4	7.5
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/28/70-12/28/71	22	0.063	0.083	0.2	0.025	0.003	0.055	0.032	0.04	0.1	0.2
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/24/71-12/28/71	2	1.9	1.9	2.5	1.3	0.72	0.849	**	**	**	**
00650 PHOSPHATE, TOTAL (MG/L AS PO4)	01/28/70-12/28/71	22	0.455	0.652	2.	0.1	0.274	0.523	0.172	0.305	1.	1.57
31506 COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/28/70-12/28/71	22	6800.	45130.136	240000.	43. 6704796041.361	81882.819	290.	1357.5	27750.	240000.	5.38
31506 LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/28/70-12/28/71	22	3.801	3.851	5.38	1.633	1.014	1.007	2.443	3.124	4.433	5.38
31506 GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			7088.874								
31614 FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/28/70-12/28/71	22	430.	4818.273	46000.	23. 114489510.97	10699.977	93.	230.	4050.	18890.	4.244
31614 LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/28/70-12/28/71	22	2.633	2.877	4.663	1.362	0.738	0.859	1.968	2.362	3.513	4.244
31614 GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			752.866								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GREE0037

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	9	0	0.00	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	22	0	0.00	6	0	0.00	11	0	0.00	5	0	0.00			
00403 PH, LAB	Fresh Chronic	9.	22	0	0.00	6	0	0.00	11	0	0.00	5	0	0.00			
	Other-Lo Lim.	6.5	22	0	0.00	6	0	0.00	11	0	0.00	5	0	0.00			
00630 NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00				2	0	0.00						
31506 COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	22	17	0.77	6	6	1.00	10	5	0.50	6	6	1.00			
31614 FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	22	18	0.82	6	6	1.00	10	7	0.70	6	5	0.83			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GREE0038

NPS Station ID: GREE0038	LAT/LON: 39.040004/ -76.961393	Agency: 21MDMONT	Date Created: / /
Location: PAINT BR 2150 FT UPST FR PG CO.		FIPS State/County: 24031 MARYLAND/MONTGOMERY	
Station Type: /TYPA/AMBNT/STREAM		STORET Station ID(s): 58030	
RMI-Indexes:		Within Park Boundary: No	
RMI-Miles:			
HUC: 02070010	Depth of Water: 999	Aquifer:	
Major Basin: NORTH ATLANTIC	Elevation: 0	Water Body Id:	
Minor Basin: POTOMAC RIVER		ECO Region:	
RF1 Index: 02070010030	RF1 Mile Point: 9.450	Distance from RF1: 0.00	On/Off RF1: OFF
RF3 Index: 02070010066500.00	RF3 Mile Point: 0.37	Distance from RF3: 0.02	On/Off RF3:
Description:			
STATION ESTABLISHED ON PAINT BRANCH 2150 FEET UP STREAM FROM PRINCE GEORGE COUNTY LINE. THE STATION IS LOCATED ON THE NAVAL SURFACE WEAPONS CENTER (NAVAL ORDNANCE LAB.) PROPERTY. STATION MOVED TO PERIMETER ROAD BRIDGE CROSSING, 10 FEET DOWN STREAM, JANUARY 1972.			

Parameter Inventory for Station: GREE0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/11/72-11/03/81	120	13.	11.817	23.	-1.	51.059	7.146	1.	6.	18.	21.
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/11/72-11/03/81	119	16.	14.336	33.	-4.	76.327	8.737	4.	9.	22.	25.
00032 CLOUD COVER (PERCENT)	01/11/72-01/25/82	124	50.	47.581	100.	0.	1924.993	43.875	0.	0.	100.	100.
00075 TURBIDITY, HELLOGE (PPM AS SILICON DIOXIDE)	11/24/71-11/11/77	78	5.	11.763	112.	0.	355.862	18.864	0.	2.375	14.	27.2
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/03/78-11/03/81	46	4.75	24.674	370.	1.1	3725.598	61.038	2.	2.7	14.	83.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/17/70-05/25/71	7	11.8	11.543	12.8	9.8	1.053	1.026	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	01/28/70-11/03/81	142	10.35	10.632	14.7	7.4	3.51	1.874	8.2	9.075	12.025	13.51
00301 OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/15/75-11/03/81	69	93.3	94.7	116.7	76.7	77.253	8.789	82.6	88.6	100.5	106.6
00310 BOD, 5 DAY, 20 DEG C MG/L	01/28/70-11/03/81	140	1.6	1.877	6.7	0.	1.693	1.301	0.5	0.9	2.5	3.59
00400 PH (STANDARD UNITS)	01/28/72-11/03/81	112	7.	7.083	8.2	6.4	0.108	0.329	6.7	6.825	7.2	7.6
00400 CONVERTED PH (STANDARD UNITS)	01/28/72-11/03/81	112	7.	6.979	8.2	6.4	0.119	0.345	6.7	6.825	7.2	7.6
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/28/72-11/03/81	112	0.1	0.105	0.398	0.006	0.005	0.07	0.025	0.063	0.15	0.2
00403 PH, LAB, STANDARD UNITS SU	01/28/70-11/03/81	144	7.1	7.137	8.4	6.4	0.111	0.334	6.7	6.9	7.4	7.55
00403 CONVERTED PH, LAB, STANDARD UNITS	01/28/70-11/03/81	144	7.1	7.018	8.4	6.4	0.126	0.354	6.7	6.9	7.4	7.55
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/28/70-11/03/81	144	0.079	0.096	0.398	0.004	0.006	0.075	0.028	0.04	0.126	0.2
00500 RESIDUE, TOTAL (MG/L)	09/04/75-11/03/81	70	93.	143.771	1839.	31.	59811.918	244.565	68.2	78.75	114.5	171.4
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/04/78-10/04/78	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL I DET. (MG/L AS N)	11/24/71-04/07/81	120	1.315	1.684	18.4	0.2	2.953	1.719	0.709	1.	1.995	2.725
00650 PHOSPHATE, TOTAL (MG/L AS PO4)	01/28/70-06/05/80	129	0.13	0.362	8.13	0.	1.013	1.006	0.04	0.07	0.295	0.53
01035 COBALT, DISSOLVED (UG/L AS CO)	10/27/81-11/03/81	2	2.	2.	2.	2.	0.	0.	**	**	**	**
01051 LEAD, TOTAL (UG/L AS PB)	10/27/81-11/03/81	2	4.	4.	4.	4.	0.	0.	**	**	**	**
31505 COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/14/80-11/03/81	21	2400.	32736.19	240000.	430.	5295594914.762	72770.838	1044.	2400.	11000.	214000.
31505 LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/14/80-11/03/81	21	3.38	3.781	5.38	2.633	0.549	0.741	3.01	3.38	4.041	5.312
31505 GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6039.786								
31506 COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/28/70-11/27/79	122	4300.	24968.205	460000.	91.	4028062431.801	63467.018	430.	930.	23000.	46000.
31506 LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/28/70-11/27/79	122	3.633	3.625	5.663	1.959	0.692	0.832	2.633	2.968	4.362	4.663
31506 GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			4219.621								
31614 FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/28/70-11/27/79	121	430.	3088.248	46000.	4.	65683855.721	8104.558	49.	106.5	2300.	8360.
31614 LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/28/70-11/27/79	121	2.633	2.718	4.663	0.602	0.648	0.805	1.679	2.024	3.362	3.907
31614 GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			522.645								
31615 FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/14/80-11/03/81	21	430.	6759.905	93000.	36.	420821544.89	20513.935	91.	230.	1950.	21400.
31615 LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/14/80-11/03/81	21	2.633	2.861	4.968	1.556	0.708	0.842	1.959	2.362	3.278	4.312
31615 GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			725.562								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GREE0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71886 PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/26/80-04/07/81	11	0.31	0.411	1.23	0.17	0.093	0.306	0.174	0.21	0.55	1.098

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GREE0038

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
00076 TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	46	6	0.13	16	3	0.19	20	2	0.10	10	1	0.10			
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	7	0	0.00				5	0	0.00	2	0	0.00			
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	142	0	0.00	44	0	0.00	63	0	0.00	35	0	0.00			
00400 PH	Fresh Chronic	9.	112	0	0.00	31	0	0.00	51	0	0.00	30	0	0.00			
	Other-Lo Lim.	6.5	112	2	0.02	31	1	0.03	51	0	0.00	30	1	0.03			
00403 PH, LAB	Fresh Chronic	9.	144	0	0.00	44	0	0.00	65	0	0.00	35	0	0.00			
	Other-Lo Lim.	6.5	144	5	0.03	44	2	0.05	65	3	0.05	35	0	0.00			
00630 NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	120	1	0.01	36	0	0.00	54	1	0.02	30	0	0.00			
01051 LEAD, TOTAL	Fresh Acute	82.	2	0	0.00				2	0	0.00						
	Drinking Water	15.	2	0	0.00				2	0	0.00						
31505 COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	21	19	0.90	6	6	1.00	10	8	0.80	5	5	1.00			
31506 COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	122	84	0.69	38	33	0.87	53	27	0.51	31	24	0.77			
31614 FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	121	84	0.69	37	30	0.81	53	32	0.60	31	22	0.71			
31615 FECAL COLIFORM, MPN	Other-Hi Lim.	200.	21	17	0.81	6	6	1.00	10	8	0.80	5	3	0.60			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1970 - Station GREE0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00300p	OXYGEN, DISSOLVED MG/L	01/28/70-11/03/81	10	10.6	10.68	12.8	8.8	1.302	1.141	8.88	9.9	11.5	12.7
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/28/70-11/03/81	10	2.3	2.89	5.6	1.2	2.705	1.645	1.21	1.3	4.775	5.54
00403p	PH, LAB, STANDARD UNITS SU	01/28/70-11/03/81	10	6.95	7.03	7.6	6.6	0.093	0.306	6.62	6.875	7.2	7.59
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/28/70-11/03/81	10	6.947	6.949	7.6	6.6	0.101	0.317	6.62	6.875	7.2	7.59
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/28/70-11/03/81	10	0.113	0.112	0.251	0.025	0.004	0.065	0.026	0.067	0.134	0.242
00650p	PHOSPHATE, TOTAL (MG/L AS PO4)	01/28/70-06/05/80	10	0.45	0.599	1.9	0.07	0.388	0.623	0.072	0.098	1.025	1.85
31506p	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/28/70-11/27/79	11	15000.	56087.273	240000.	430.	8440722601.818	91873.405	530.	2300.	46000.	240000.
31506p	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/28/70-11/27/79	11	4.176	4.133	5.38	2.633	0.774	0.88	2.7	3.362	4.663	5.38
31506p	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			13597.209								
31614p	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/28/70-11/27/79	11	930.	6290.273	46000.	43.	181167150.818	13459.835	80.4	430.	4300.	38660.
31614p	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/28/70-11/27/79	11	2.968	3.133	4.663	1.633	0.699	0.836	1.779	2.633	3.633	4.524
31614p	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			1357.178								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station GREE0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	11/24/71-11/11/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	01/28/70-11/03/81	12	10.45	10.583	13.	8.3	2.243	1.498	8.42	9.35	12.05	12.76
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/28/70-11/03/81	12	2.5	2.183	4.	0.3	1.438	1.199	0.39	1.1	3.075	3.82
00403p	PH, LAB, STANDARD UNITS SU	01/28/70-11/03/81	12	7.2	7.2	7.6	6.7	0.058	0.241	6.79	7.025	7.375	7.57
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/28/70-11/03/81	12	7.2	7.136	7.6	6.7	0.063	0.25	6.79	7.025	7.375	7.57
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/28/70-11/03/81	12	0.063	0.073	0.2	0.025	0.002	0.046	0.027	0.042	0.095	0.17
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/24/71-04/07/81	2	2.45	2.45	2.5	2.4	0.005	0.071	**	**	**	**
00650p	PHOSPHATE, TOTAL (MG/L AS PO4)	01/28/70-06/05/80	12	0.215	0.195	0.36	0.05	0.014	0.119	0.053	0.073	0.3	0.36
31506p	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/28/70-11/27/79	11	2300.	22383.636	93000.	230.	1285485865.455	35853.673	270.	930.	23000.	93000.
31506p	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/28/70-11/27/79	11	3.362	3.655	4.968	2.362	0.835	0.914	2.416	2.968	4.362	4.968
31506p	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			4519.037								
31614p	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/28/70-11/27/79	11	230.	2582.273	15000.	75.	24390806.818	4938.705	90.	230.	2300.	13860.
31614p	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/28/70-11/27/79	11	2.362	2.727	4.176	1.875	0.575	0.758	1.935	2.362	3.362	4.135
31614p	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			533.621								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station GREE0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/11/72-11/03/81	24	13.	11.25	21.	1.	39.587	6.292	1.5	6.	16.	19.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/11/72-11/03/81	24	14.5	13.792	25.	1.	59.998	7.746	1.5	7.	21.25	23.5
00032	CLOUD COVER (PERCENT)	01/11/72-01/25/82	24	0.	40.625	100.	0.	2272.418	47.67	0.	0.	100.	100.
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	11/24/71-11/11/77	24	3.	9.208	62.	0.	178.281	13.352	1.25	2.	13.75	23.
00300p	OXYGEN, DISSOLVED MG/L	01/28/70-11/03/81	24	10.5	10.613	14.7	8.	4.125	2.031	8.05	8.7	12.1	13.45
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/28/70-11/03/81	23	1.2	1.787	6.7	0.4	2.306	1.518	0.5	0.9	2.2	4.22
00400	PH (STANDARD UNITS)	01/28/72-11/03/81	19	7.5	7.374	8.2	6.4	0.21	0.458	6.8	7.	7.7	7.9
00400	CONVERTED PH (STANDARD UNITS)	01/28/72-11/03/81	19	7.5	7.135	8.2	6.4	0.27	0.52	6.8	7.	7.7	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/28/72-11/03/81	19	0.032	0.073	0.398	0.006	0.009	0.093	0.013	0.02	0.1	0.158
00403p	PH, LAB, STANDARD UNITS SU	01/28/70-11/03/81	24	7.2	7.208	7.8	6.7	0.074	0.272	6.8	7.	7.4	7.6
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/28/70-11/03/81	24	7.2	7.129	7.8	6.7	0.08	0.283	6.8	7.	7.4	7.6
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/28/70-11/03/81	24	0.063	0.074	0.2	0.016	0.002	0.048	0.026	0.04	0.1	0.163
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/24/71-04/07/81	24	1.81	2.531	18.4	0.79	11.673	3.417	1.3	1.5	2.178	2.825
00650p	PHOSPHATE, TOTAL (MG/L AS PO4)	01/28/70-06/05/80	24	0.3	1.095	8.13	0.05	4.612	2.148	0.1	0.205	0.64	5.17
31506p	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/28/70-11/27/79	24	1900.	8576.667	93000.	150.	366855431.884	19153.47	320.	930.	8050.	23000.
31506p	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/28/70-11/27/79	24	3.269	3.406	4.968	2.176	0.442	0.665	2.478	2.968	3.885	4.362
31506p	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			2546.069								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station GREE0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31614p	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/28/70-11/27/79	24	230.	913.375	4300.	43.	1512780.418	1229.951	68.	1357.5	3100.
31614p	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/28/70-11/27/79	24	2.362	2.569	3.633	1.633	0.382	0.618	1.801	1.968	3.476
31614p	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =		370.782								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station GREE0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/11/72-11/03/81	20	12.5	12.45	22.	1.	57.208	7.564	1.1	5.25	20.75
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/11/72-11/03/81	18	16.5	16.278	26.	2.	61.977	7.873	2.	9.5	23.
00032	CLOUD COVER (PERCENT)	01/11/72-01/25/82	20	100.	61.25	100.	0.	2268.092	47.624	0.	100.	100.
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	11/24/71-11/11/77	20	11.5	22.4	112.	0.	978.147	31.275	0.	1.5	26.25
00300p	OXYGEN, DISSOLVED MG/L	01/28/70-11/03/81	20	10.55	10.82	14.6	8.1	4.392	2.096	8.14	8.775	12.6
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/28/70-11/03/81	20	2.	1.905	3.6	0.	0.857	0.926	0.7	1.4	2.55
00400	PH (STANDARD UNITS)	01/28/72-11/03/81	17	7.	7.006	7.5	6.4	0.073	0.27	6.64	6.9	7.1
00400	CONVERTED PH (STANDARD UNITS)	01/28/72-11/03/81	17	7.	6.924	7.5	6.4	0.08	0.283	6.64	6.9	7.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/28/72-11/03/81	17	0.1	0.119	0.398	0.032	0.007	0.086	0.038	0.079	0.126
00403p	PH, LAB, STANDARD UNITS SU	01/28/70-11/03/81	20	7.5	7.495	7.8	7.1	0.045	0.211	7.2	7.3	7.675
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/28/70-11/03/81	20	7.5	7.446	7.8	7.1	0.047	0.217	7.2	7.3	7.675
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/28/70-11/03/81	20	0.032	0.036	0.079	0.016	0.	0.018	0.016	0.021	0.05
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/24/71-04/07/81	20	2.23	2.38	4.02	1.42	0.496	0.704	1.621	1.76	2.91
00650p	PHOSPHATE, TOTAL (MG/L AS PO4)	01/28/70-06/05/80	20	0.165	0.173	0.47	0.03	0.013	0.114	0.052	0.073	0.225
31506p	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/28/70-11/27/79	20	4300.	32597.	240000.	230.	5205636653.684	72150.098	394.	930.	23750.
31506p	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/28/70-11/27/79	20	3.633	3.687	5.38	2.362	0.794	0.891	2.595	2.968	4.376
31506p	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =		4865.199								5.308
31614p	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/28/70-11/27/79	20	430.	5214.15	46000.	40.	144153414.345	12006.391	43.	93.	1957.5
31614p	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/28/70-11/27/79	20	2.633	2.747	4.663	1.602	0.863	0.929	1.633	1.968	3.263
31614p	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =		558.551								4.38

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GREE0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/11/72-11/03/81	7	3.	6.857	19.	0.	55.476	7.448	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/11/72-11/03/81	5	11.	11.2	26.	1.	91.2	9.55	**	**	**
00032	CLOUD COVER (PERCENT)	01/11/72-01/25/82	7	0.	17.857	100.	0.	1398.81	37.401	**	**	**
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	11/24/71-11/11/77	7	5.	6.429	12.	2.	18.286	4.276	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	01/28/70-11/03/81	7	13.6	12.614	14.4	9.7	3.785	1.945	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/28/70-11/03/81	7	1.6	1.757	3.9	0.5	1.25	1.118	**	**	**
00400	PH (STANDARD UNITS)	01/28/72-11/03/81	7	7.	6.929	7.2	6.7	0.029	0.17	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/28/72-11/03/81	7	7.	6.901	7.2	6.7	0.03	0.173	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/28/72-11/03/81	7	0.1	0.126	0.2	0.063	0.002	0.047	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	01/28/70-11/03/81	7	7.2	7.414	8.4	6.8	0.271	0.521	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/28/70-11/03/81	7	7.2	7.222	8.4	6.8	0.314	0.561	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/28/70-11/03/81	7	0.063	0.06	0.158	0.004	0.003	0.051	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/24/71-04/07/81	7	2.36	2.686	4.37	2.08	0.64	0.8	**	**	**
00650p	PHOSPHATE, TOTAL (MG/L AS PO4)	01/28/70-06/05/80	7	0.25	0.36	0.82	0.13	0.063	0.252	**	**	**
31506p	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/28/70-11/27/79	7	930.	2075.857	9300.	91.	10536866.81	3246.054	**	**	**
31506p	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/28/70-11/27/79	7	2.968	2.956	3.968	1.959	0.377	0.614	**	**	**
31506p	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =		904.613								
31614p	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/28/70-11/27/79	7	230.	465.857	2300.	30.	660203.476	812.529	**	**	**
31614p	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/28/70-11/27/79	7	2.362	2.294	3.362	1.477	0.325	0.57	**	**	**
31614p	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =		196.864								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GREE0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/11/72-11/03/81	3	18.	18.	21.	15.	9.	3.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/11/72-11/03/81	3	21.	22.	27.	18.	21.	4.583	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/11/72-01/25/82	3	50.	66.667	100.	50.	833.333	28.868	**	**	**	**
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	11/24/71-11/11/77	3	7.	12.667	27.	4.	156.333	12.503	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	01/28/70-11/03/81	3	10.8	10.767	11.9	9.6	1.323	1.15	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/15/75-11/03/81	3	113.7	112.367	116.7	106.7	26.333	5.132	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/28/70-11/03/81	3	0.7	0.767	1.3	0.3	0.253	0.503	**	**	**	**
00400	PH (STANDARD UNITS)	01/28/72-11/03/81	2	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/28/72-11/03/81	2	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/28/72-11/03/81	2	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	01/28/70-11/03/81	3	7.2	7.2	7.5	6.9	0.09	0.3	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/28/70-11/03/81	3	7.2	7.133	7.5	6.9	0.097	0.311	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/28/70-11/03/81	3	0.063	0.074	0.126	0.032	0.002	0.048	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	09/04/75-11/03/81	2	606.5	606.5	1126.	87.	539760.5	734.684	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/24/71-04/07/81	3	1.75	1.723	2.06	1.36	0.123	0.351	**	**	**	**
00650p	PHOSPHATE, TOTAL (MG/L AS PO4)	01/28/70-06/05/80	3	0.11	0.133	0.23	0.06	0.008	0.087	**	**	**	**
31506p	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/28/70-11/27/79	3	9300.	12533.333	24000.	4300.	104863333.333	10240.28	**	**	**	**
31506p	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/28/70-11/27/79	3	3.968	3.994	4.38	3.633	0.14	0.374	**	**	**	**
31506p	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			9864.026								
31614p	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/28/70-11/27/79	3	430.	1607.	4300.	91.	5467917.	2338.358	**	**	**	**
31614p	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/28/70-11/27/79	3	2.633	2.742	3.633	1.959	0.71	0.842	**	**	**	**
31614p	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			552.068								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GREE0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/11/72-11/03/81	13	11.	10.923	20.	0.	56.41	7.511	0.	4.	18.	19.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/11/72-11/03/81	13	16.	13.692	25.	-4.	86.731	9.313	7.2	-2.5	21.	24.6
00032	CLOUD COVER (PERCENT)	01/11/72-01/25/82	13	0.	23.077	75.	0.	881.41	29.689	0.	0.	50.	75.
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	11/24/71-11/11/77	13	6.	7.308	15.	0.	20.564	4.535	1.2	4.	11.5	14.6
00300p	OXYGEN, DISSOLVED MG/L	01/28/70-11/03/81	13	11.4	11.262	14.6	8.6	3.296	1.815	8.88	9.65	12.8	14.
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/15/75-11/03/81	13	100.	99.631	112.9	82.3	80.804	8.989	84.86	92.75	108.2	111.78
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/28/70-11/03/81	13	1.7	1.546	3.7	0.	1.396	1.182	0.04	0.45	2.45	3.42
00400	PH (STANDARD UNITS)	01/28/72-11/03/81	13	7.2	7.146	7.7	6.7	0.081	0.285	6.74	6.9	7.35	7.58
00400	CONVERTED PH (STANDARD UNITS)	01/28/72-11/03/81	13	7.2	7.064	7.7	6.7	0.088	0.297	6.74	6.9	7.35	7.58
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/28/72-11/03/81	13	0.063	0.086	0.2	0.02	0.003	0.055	0.028	0.045	0.129	0.183
00403p	PH, LAB, STANDARD UNITS SU	01/28/70-11/03/81	13	7.2	7.146	7.5	6.5	0.094	0.307	6.62	6.95	7.4	7.5
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/28/70-11/03/81	13	7.2	7.036	7.5	6.5	0.107	0.328	6.62	6.95	7.4	7.5
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/28/70-11/03/81	13	0.063	0.092	0.316	0.032	0.006	0.079	0.032	0.04	0.113	0.253
00500	RESIDUE, TOTAL (MG/L)	09/04/75-11/03/81	13	87.	93.846	166.	31.	1215.141	34.859	42.2	70.	117.5	150.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/24/71-04/07/81	13	1.	1.022	1.33	0.61	0.037	0.193	0.686	0.895	1.185	1.282
00650p	PHOSPHATE, TOTAL (MG/L AS PO4)	01/28/70-06/05/80	13	0.07	0.099	0.4	0.04	0.009	0.094	0.04	0.05	0.1	0.288
31506p	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/28/70-11/27/79	13	2400.	8940.	46000.	230.	192089233.333	13859.626	310.	930.	14300.	37200.
31506p	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/28/70-11/27/79	13	3.38	3.479	4.663	2.362	0.476	0.69	2.47	2.968	4.021	4.55
31506p	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/28/70-11/27/79			3015.866								
31614p	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/28/70-11/27/79	13	150.	692.	4600.	4.	1531496.	1237.536	16.8	82.	910.	3132.
31614p	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/28/70-11/27/79	13	2.176	2.299	3.663	0.602	0.633	0.796	0.984	1.911	2.959	3.385
31614p	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/28/70-11/27/79			198.972								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GREE0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/11/72-11/03/81	9	13.	10.444	20.	-1.	59.528	7.715	0.	7.	17.	20.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/11/72-11/03/81	9	14.	11.222	22.	-2.	71.194	8.438	2.	6.	18.5	22.
00032	CLOUD COVER (PERCENT)	01/11/72-01/25/82	9	25.	38.889	100.	0.	1892.361	43.501	0.	0.	87.5	100.
00075	TURBIDITY, HELLOGE (PPM AS SILICON DIOXIDE)	11/24/71-11/11/77	9	4.	7.833	31.	0.	94.	9.695	0.	1.	11.	31.
00300p	OXYGEN, DISSOLVED MG/L	01/28/70-11/03/81	9	10.1	10.167	13.2	7.5	4.708	2.17	7.5	8.	12.2	13.2
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/15/75-11/03/81	9	88.2	88.578	106.6	80.6	61.782	7.86	80.6	81.7	90.5	106.6
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/28/70-11/03/81	8	1.4	1.288	2.2	0.3	0.507	0.712	**	**	**	**
00400	PH (STANDARD UNITS)	01/28/72-11/03/81	9	7.	7.033	7.4	6.8	0.038	0.194	6.8	6.85	7.15	7.4
00400	CONVERTED PH (STANDARD UNITS)	01/28/72-11/03/81	9	7.	6.998	7.4	6.8	0.039	0.197	6.8	6.85	7.15	7.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/28/72-11/03/81	9	0.1	0.101	0.158	0.04	0.002	0.041	0.04	0.071	0.142	0.158
00403p	PH, LAB, STANDARD UNITS SU	01/28/70-11/03/81	9	7.1	7.	7.2	6.5	0.052	0.229	6.5	6.85	7.15	7.2
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/28/70-11/03/81	9	7.1	6.935	7.2	6.5	0.057	0.239	6.5	6.85	7.15	7.2
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/28/70-11/03/81	9	0.079	0.116	0.316	0.063	0.007	0.081	0.063	0.071	0.142	0.316
00500	RESIDUE, TOTAL (MG/L)	09/04/75-11/03/81	9	76.	93.889	192.	57.	1762.111	41.978	57.	66.5	112.5	192.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/24/71-04/07/81	9	0.8	0.937	1.81	0.4	0.158	0.398	0.4	0.7	1.11	1.81
00650p	PHOSPHATE, TOTAL (MG/L AS PO4)	01/28/70-06/05/80	9	0.08	0.101	0.25	0.025	0.005	0.067	0.025	0.055	0.135	0.25
31506p	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/28/70-11/27/79	9	2400.	14486.667	46000.	390.	376693150.	19408.584	390.	680.	35000.	46000.
31506p	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/28/70-11/27/79	9	3.38	3.58	4.663	2.591	0.725	0.851	2.591	2.801	4.521	4.663
31506p	GEOMETRIC MEAN =				3797.928								
31614p	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/28/70-11/27/79	9	430.	908.556	2300.	36.	830327.278	911.223	36.	160.5	1900.	2300.
31614p	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/28/70-11/27/79	9	2.633	2.659	3.362	1.556	0.395	0.628	1.556	2.16	3.269	3.362
31614p	GEOMETRIC MEAN =				456.489								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GREE0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/11/72-11/03/81	13	13.	12.308	22.	0.	58.731	7.664	0.	6.5	19.5	21.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/11/72-11/03/81	13	16.	15.538	33.	-3.	132.936	11.53	6.8	-2.5	24.	32.6
00032	CLOUD COVER (PERCENT)	01/11/72-01/25/82	13	50.	59.615	100.	0.	1826.923	42.743	0.	12.5	100.	100.
00300p	OXYGEN, DISSOLVED MG/L	01/28/70-11/03/81	13	10.2	9.938	12.5	7.6	2.674	1.635	7.68	8.2	11.25	12.14
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/15/75-11/03/81	13	92.6	90.408	100.	76.7	44.111	6.642	78.02	86.15	94.45	98.92
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/28/70-11/03/81	13	1.5	2.2	6.4	0.	3.307	1.818	0.24	0.95	3.	5.84
00400	PH (STANDARD UNITS)	01/28/72-11/03/81	12	6.9	7.008	7.7	6.6	0.159	0.399	6.6	6.625	7.275	7.7
00400	CONVERTED PH (STANDARD UNITS)	01/28/72-11/03/81	12	6.9	6.876	7.7	6.6	0.178	0.422	6.6	6.625	7.275	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/28/72-11/03/81	12	0.126	0.133	0.251	0.02	0.008	0.089	0.02	0.053	0.238	0.251
00403p	PH, LAB, STANDARD UNITS SU	01/28/70-11/03/81	13	6.9	6.838	7.2	6.4	0.048	0.218	6.48	6.65	7.	7.12
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/28/70-11/03/81	13	6.9	6.785	7.2	6.4	0.051	0.225	6.48	6.65	7.	7.12
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/28/70-11/03/81	13	0.126	0.164	0.398	0.063	0.008	0.092	0.078	0.1	0.225	0.339
00500	RESIDUE, TOTAL (MG/L)	09/04/75-11/03/81	13	96.	248.769	1839.	37.	231938.692	481.6	52.6	82.	168.	1214.6
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/24/71-04/07/81	13	0.9	0.908	1.5	0.2	0.114	0.338	0.32	0.7	1.1	1.42
00650p	PHOSPHATE, TOTAL (MG/L AS PO4)	01/28/70-06/05/80	13	0.11	0.176	1.	0.	0.071	0.267	0.	0.	0.21	0.724
31506p	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/28/70-11/27/79	12	2350.	71466.667	460000.	210.20075253951.515	141687.169	216.	555.	88500.	394000.	
31506p	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/28/70-11/27/79	12	3.371	3.749	5.663	2.322	1.351	1.162	2.334	2.717	4.876	5.578
31506p	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			5613.41								
31614p	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/28/70-11/27/79	11	430.	5900.909	46000.	40.	185361849.091	13614.766	40.	90.	4300.	38660.
31614p	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/28/70-11/27/79	11	2.633	2.802	4.663	1.602	1.038	1.019	1.602	1.954	3.633	4.524
31614p	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			633.458								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GREE0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/11/72-11/03/81	11	15.	13.818	21.	2.	36.164	6.014	2.8	10.	19.	20.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/11/72-11/03/81	12	17.	14.583	26.	0.	71.538	8.458	0.6	9.	20.75	25.4
00032	CLOUD COVER (PERCENT)	01/11/72-01/25/82	12	50.	52.083	100.	0.	2211.174	47.023	0.	0.	100.	100.
00300p	OXYGEN, DISSOLVED MG/L	01/28/70-11/03/81	11	9.8	9.645	11.4	7.6	1.131	1.063	7.74	9.	10.	11.28
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/15/75-11/03/81	11	92.7	92.164	106.5	77.7	57.993	7.615	79.04	88.2	96.9	104.8
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/28/70-11/03/81	11	1.	1.591	4.4	0.4	1.713	1.309	0.4	0.6	2.8	4.16
00400	PH (STANDARD UNITS)	01/28/72-11/03/81	12	6.9	7.025	7.6	6.6	0.106	0.325	6.63	6.8	7.35	7.57
00400	CONVERTED PH (STANDARD UNITS)	01/28/72-11/03/81	12	6.9	6.931	7.6	6.6	0.115	0.339	6.63	6.8	7.35	7.57
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/28/72-11/03/81	12	0.126	0.117	0.251	0.025	0.005	0.07	0.027	0.046	0.158	0.236
00403p	PH, LAB, STANDARD UNITS SU	01/28/70-11/03/81	12	6.75	6.758	7.1	6.5	0.023	0.151	6.53	6.7	6.8	7.04
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/28/70-11/03/81	12	6.747	6.736	7.1	6.5	0.023	0.152	6.53	6.7	6.8	7.04
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/28/70-11/03/81	12	0.179	0.184	0.316	0.079	0.004	0.06	0.093	0.158	0.2	0.297
00500	RESIDUE, TOTAL (MG/L)	09/04/75-11/03/81	12	94.5	98.167	137.	64.	477.061	21.842	68.8	82.	108.5	137.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/24/71-04/07/81	12	1.1	1.042	1.5	0.6	0.074	0.271	0.63	0.8	1.275	1.44
00650p	PHOSPHATE, TOTAL (MG/L AS PO4)	01/28/70-06/05/80	12	0.07	0.078	0.26	0.	0.006	0.078	0.	0.01	0.133	0.23
31506p	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/28/70-11/27/79	12	6950.	14069.167	46000.	230.	199963226.515	14140.835	611.	2800.	24000.	39400.
31506p	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/28/70-11/27/79	12	3.816	3.834	4.663	2.362	0.438	0.662	2.606	3.43	4.38	4.578
31506p	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			6826.814								
31614p	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/28/70-11/27/79	12	2350.	4975.917	24000.	91.	48892810.992	6992.339	192.7	430.	8125.	20100.
31614p	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/28/70-11/27/79	12	3.371	3.243	4.38	1.959	0.541	0.736	2.161	2.633	3.892	4.279
31614p	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			1751.583								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GREE0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/11/72-11/03/81	13	12.	12.846	23.	0.	59.141	7.69	0.4	8.	20.	22.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/11/72-11/03/81	14	15.	14.929	29.	-1.	88.995	9.434	3.5	9.	22.5	28.
00032	CLOUD COVER (PERCENT)	01/11/72-01/25/82	14	62.5	57.143	100.	0.	1483.516	38.516	0.	18.75	100.	100.
00300p	OXYGEN, DISSOLVED MG/L	01/28/70-11/03/81	13	10.	10.392	14.2	7.4	4.394	2.096	7.64	8.5	12.15	13.72
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/15/75-11/03/81	13	94.7	95.238	105.6	85.1	43.408	6.588	86.42	90.	101.8	105.04
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/28/70-11/03/81	13	1.5	1.554	3.	0.9	0.369	0.608	0.9	1.	1.95	2.68
00400	PH (STANDARD UNITS)	01/28/72-11/03/81	14	7.05	7.007	7.2	6.8	0.019	0.138	6.8	6.9	7.1	7.2
00400	CONVERTED PH (STANDARD UNITS)	01/28/72-11/03/81	14	7.047	6.987	7.2	6.8	0.02	0.14	6.8	6.9	7.1	7.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/28/72-11/03/81	14	0.09	0.103	0.158	0.063	0.001	0.033	0.063	0.079	0.126	0.158
00403p	PH, LAB, STANDARD UNITS SU	01/28/70-11/03/81	14	7.05	7.	7.3	6.4	0.057	0.239	6.5	6.975	7.125	7.25
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/28/70-11/03/81	14	7.047	6.924	7.3	6.4	0.063	0.251	6.5	6.975	7.125	7.25
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/28/70-11/03/81	14	0.09	0.119	0.398	0.05	0.009	0.094	0.057	0.075	0.106	0.325
00500	RESIDUE, TOTAL (MG/L)	09/04/75-11/03/81	14	92.5	109.929	402.	70.	7162.687	84.633	71.5	77.75	98.	250.5
00630	NITRITE PLUS NITRATE, TOTAL I DET. (MG/L AS N)	11/24/71-04/07/81	14	1.25	1.193	1.5	0.7	0.053	0.23	0.8	1.	1.325	1.5
00650p	PHOSPHATE, TOTAL (MG/L AS PO4)	01/28/70-06/05/80	6	0.045	0.043	0.07	0.015	0.001	0.026	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GREE0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/11/72-11/03/81	7	11.	11.714	22.	0.	67.905	8.24	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/11/72-11/03/81	8	11.5	11.875	23.	-2.	78.696	8.871	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/11/72-01/25/82	8	75.	59.375	100.	0.	2131.696	46.17	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	01/28/70-11/03/81	7	10.	10.857	13.6	8.4	4.676	2.162	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/15/75-11/03/81	7	98.1	96.8	103.	88.3	28.64	5.352	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/28/70-11/03/81	7	1.9	2.457	5.	1.1	2.17	1.473	**	**	**	**
00400	PH (STANDARD UNITS)	01/28/72-11/03/81	7	6.9	6.929	7.2	6.8	0.022	0.15	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GREE0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	CONVERTED PH (STANDARD UNITS)	01/28/72-11/03/81	7	6.9	6.908	7.2	6.8	0.023	0.151	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/28/72-11/03/81	7	0.126	0.123	0.158	0.063	0.001	0.037	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	01/28/70-11/03/81	7	7.2	7.243	7.5	7.	0.03	0.172	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/28/70-11/03/81	7	7.2	7.214	7.5	7.	0.03	0.175	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/28/70-11/03/81	7	0.063	0.061	0.1	0.032	0.001	0.023	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	09/04/75-11/03/81	7	114.	119.286	172.	83.	902.571	30.043	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/24/71-04/07/81	3	0.6	0.733	1.1	0.5	0.103	0.321	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

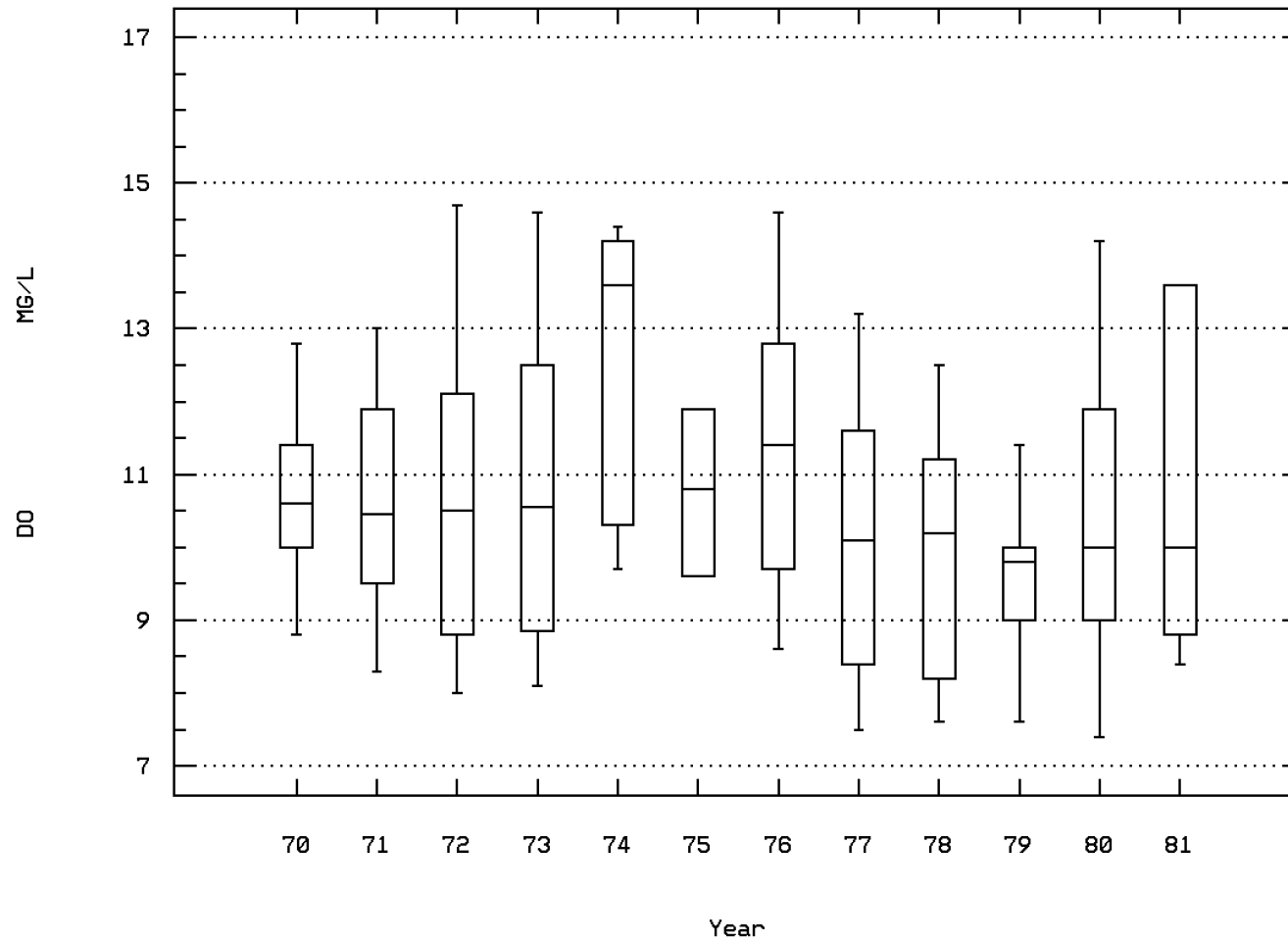
Annual Analysis for 1982 - Station GREE0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00032 CLOUD COVER (PERCENT)	01/11/72-01/25/82	1	50.	50.	50.	50.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GREE0038 Parameter Code: 00300

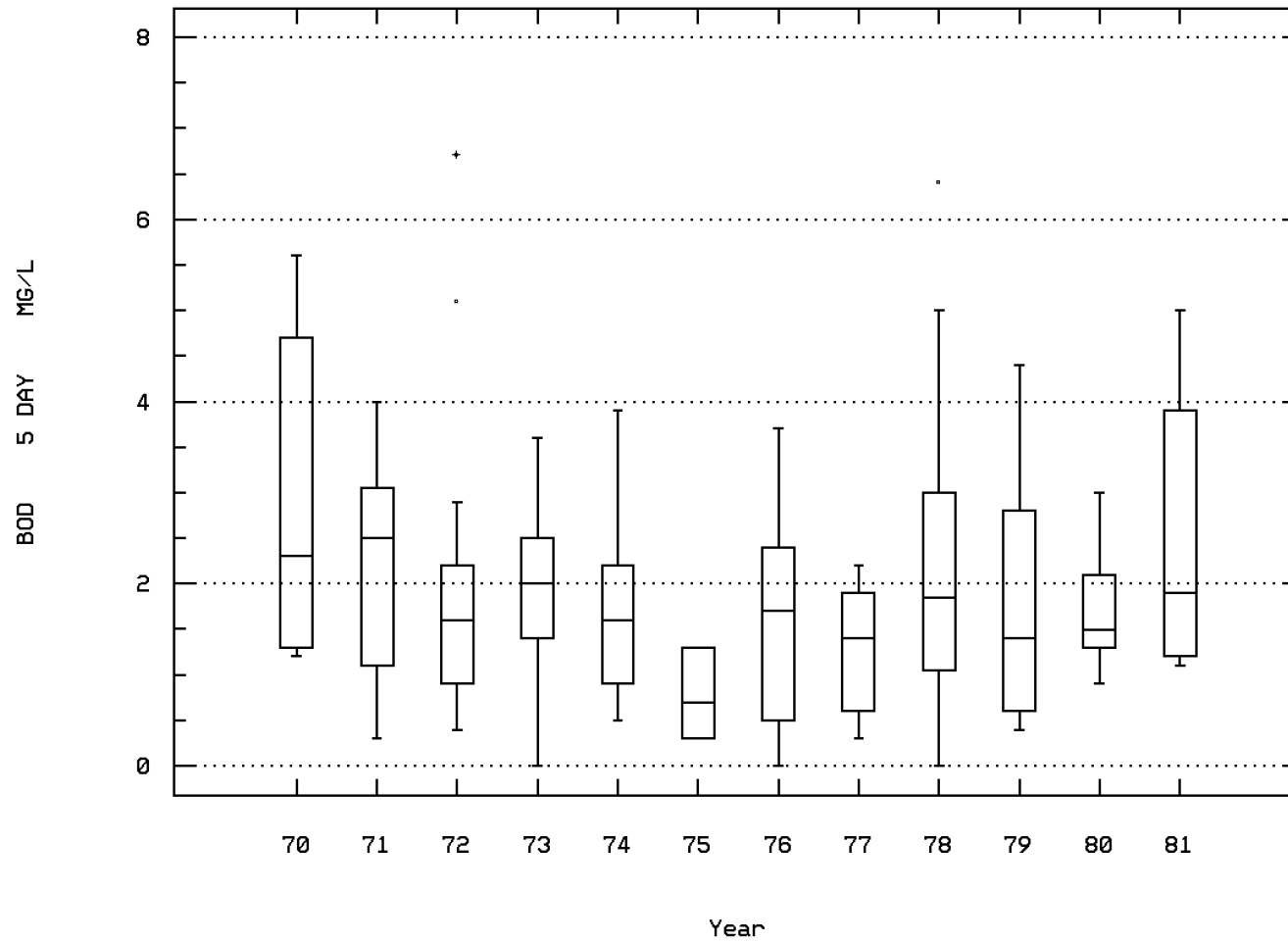
OXYGEN, DISSOLVED



PAINT BR 2150 FT UPST FR PG CO.

Station: GREE0038 Parameter Code: 00310

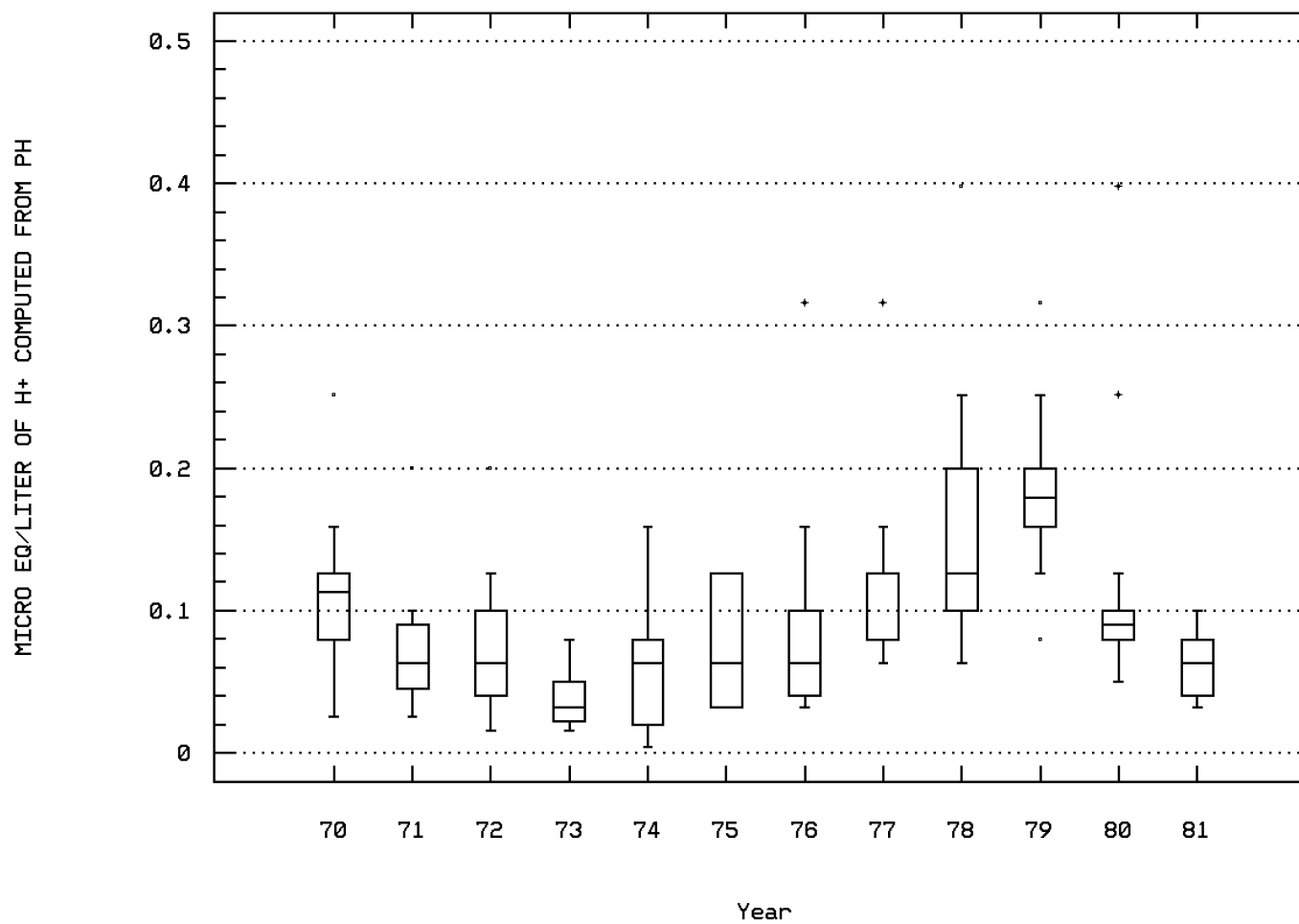
BOD, 5 DAY, 20 DEG C



PAINT BR 2150 FT UPST FR PG CO.

Station: GREE0038 Parameter Code: 00403

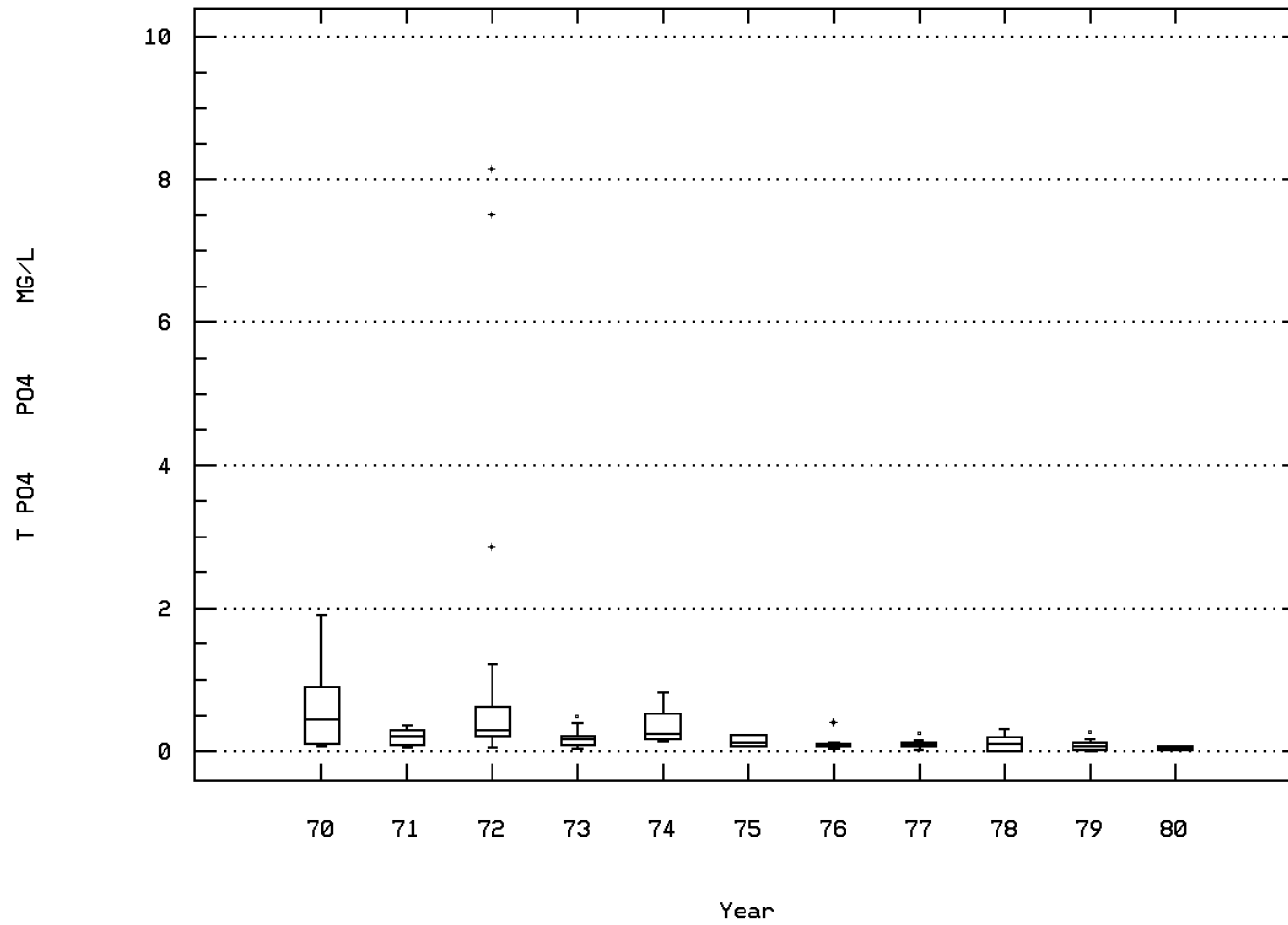
MICRO EQ/LITER OF H+ COMPUTED FROM PH



PAINT BR 2150 FT UPST FR PG CO.

Station: GREE0038 Parameter Code: 00650

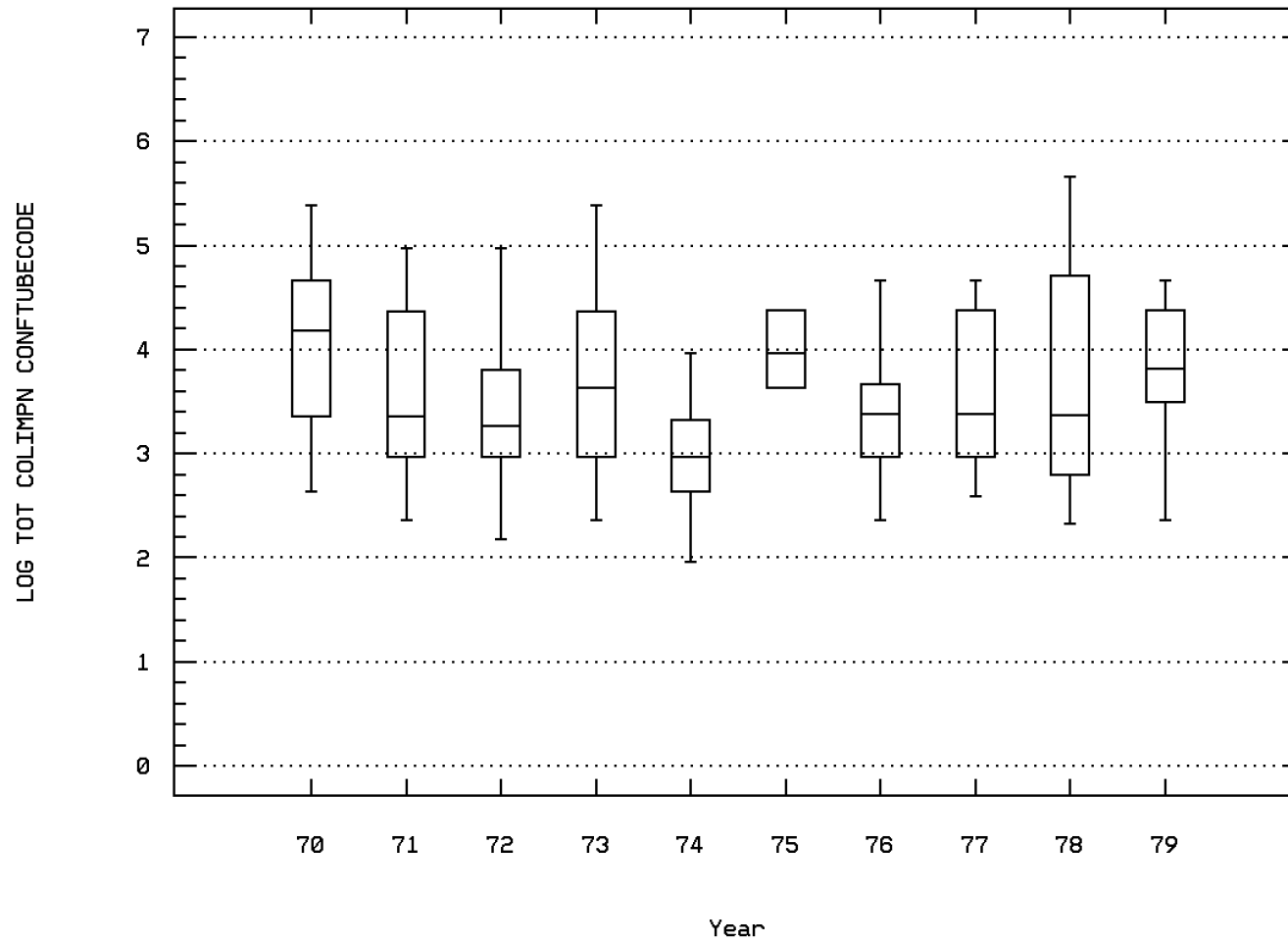
PHOSPHATE, TOTAL (MG/L AS P04)



PAINT BR 2150 FT UPST FR PG CO.

Station: GREE0038 Parameter Code: 31506

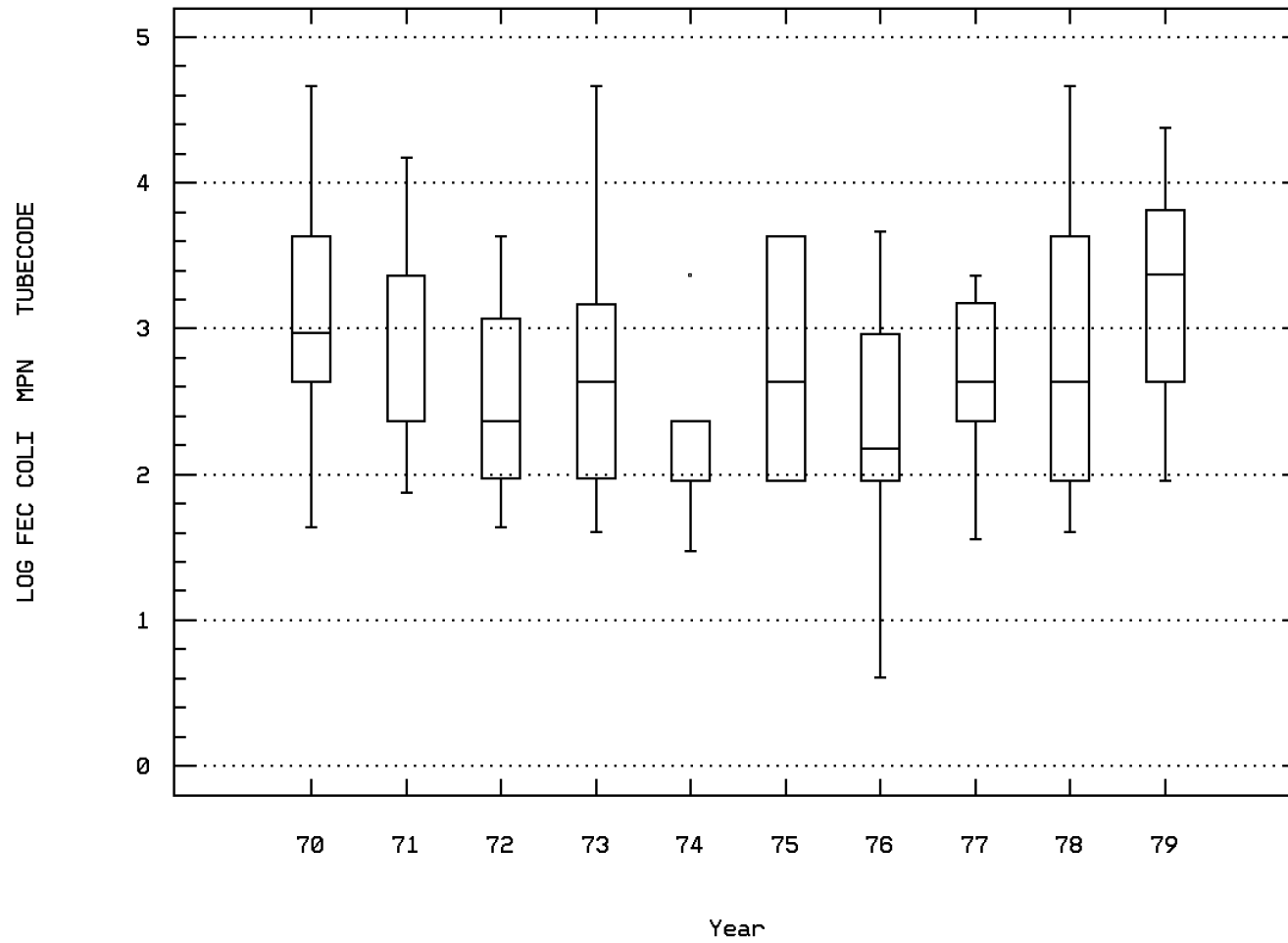
LOG COLIFORM,TOT,MPN, CONFIRMED TEST, T



PAINT BR 2150 FT UPST FR PG CO.

Station: GREE0038 Parameter Code: 31614

LOG FECAL COLIFORM,MPN,TUBE CONFIGURATI



PAINT BR 2150 FT UPST FR PG CO.

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station GREE0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/11/72-11/03/81	38	19.5	18.921	23.	10.	7.696	2.774	15.9	17.	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/11/72-11/03/81	38	22.	22.158	33.	8.	21.92	4.682	16.	19.75	27.2
00032	CLOUD COVER (PERCENT)	01/11/72-01/25/82	38	50.	51.316	100.	0.	2194.168	46.842	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/28/70-11/03/81	44	8.75	8.811	10.8	7.4	0.786	0.886	7.6	8.1	9.9
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/15/75-11/03/81	25	93.3	93.896	113.7	80.	74.898	8.654	81.8	87.45	106.58
00310	BOD, 5 DAY, 20 DEG C MG/L	01/28/70-11/03/81	43	1.	1.463	4.7	0.	1.33	1.153	0.34	0.6	3.06
00400	PH (STANDARD UNITS)	01/28/72-11/03/81	31	7.1	7.126	7.7	6.4	0.091	0.301	6.8	6.9	7.68
00400	CONVERTED PH (STANDARD UNITS)	01/28/72-11/03/81	31	7.1	7.028	7.7	6.4	0.1	0.317	6.8	6.9	7.68
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/28/72-11/03/81	31	0.079	0.094	0.398	0.02	0.005	0.072	0.021	0.063	0.158
00403	PH, LAB, STANDARD UNITS SU	01/28/70-11/03/81	44	7.1	7.123	7.8	6.4	0.088	0.296	6.8	6.9	7.5
00403	CONVERTED PH, LAB, STANDARD UNITS	01/28/70-11/03/81	44	7.1	7.024	7.8	6.4	0.098	0.313	6.8	6.9	7.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/28/70-11/03/81	44	0.079	0.095	0.398	0.016	0.005	0.073	0.032	0.05	0.158
00500	RESIDUE, TOTAL (MG/L)	09/04/75-11/03/81	24	96.5	110.5	402.	37.	4663.217	68.288	67.	81.	164.5
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/24/71-04/07/81	36	1.2	1.385	2.85	0.4	0.354	0.595	0.673	0.925	2.197
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/28/70-06/05/80	38	0.13	0.448	7.49	0.	1.507	1.228	0.039	0.068	0.91
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/28/70-11/27/79	38	6950.	42459.211	460000.	430.	8999436520.982	94865.36	930.	2300.	24000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/28/70-11/27/79	38	3.816	3.907	5.663	2.633	0.618	0.786	2.968	3.362	5.38
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			8080.819							
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/28/70-11/27/79	37	430.	3716.162	46000.	4.	72218049.473	8498.12	90.8	230.	9300.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/28/70-11/27/79	37	2.633	2.881	4.663	0.602	0.689	0.83	1.958	2.362	3.968
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			760.711							

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station GREE0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/11/72-11/03/81	52	5.5	5.135	15.	-1.	19.099	4.37	0.	1.	11.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/11/72-11/03/81	51	9.	6.353	18.	-4.	32.793	5.727	2.	5.	15.6
00032	CLOUD COVER (PERCENT)	01/11/72-01/25/82	56	50.	47.768	100.	0.	1688.109	41.087	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/28/70-11/03/81	63	12.	12.11	14.7	9.8	1.89	1.375	10.04	11.2	14.12
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/15/75-11/03/81	29	92.1	93.386	116.7	76.7	76.808	8.764	82.3	88.4	104.2
00310	BOD, 5 DAY, 20 DEG C MG/L	01/28/70-11/03/81	63	2.	2.167	6.7	0.3	1.5	1.225	0.94	1.4	3.88
00400	PH (STANDARD UNITS)	01/28/72-11/03/81	51	7.	7.02	7.9	6.6	0.08	0.283	6.8	6.8	7.4
00400	CONVERTED PH (STANDARD UNITS)	01/28/72-11/03/81	51	7.	6.947	7.9	6.6	0.085	0.292	6.8	6.8	7.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/28/72-11/03/81	51	0.1	0.113	0.251	0.013	0.003	0.058	0.04	0.079	0.158
00403	PH, LAB, STANDARD UNITS SU	01/28/70-11/03/81	65	7.1	7.111	8.4	6.4	0.139	0.373	6.6	6.85	7.54
00403	CONVERTED PH, LAB, STANDARD UNITS	01/28/70-11/03/81	65	7.1	6.974	8.4	6.4	0.158	0.397	6.6	6.85	7.54
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/28/70-11/03/81	65	0.079	0.106	0.398	0.004	0.007	0.084	0.029	0.04	0.251
00500	RESIDUE, TOTAL (MG/L)	09/04/75-11/03/81	31	93.	137.452	1126.	31.	35727.056	189.016	68.6	80.	189.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/24/71-04/07/81	54	1.5	1.949	18.4	0.5	5.789	2.406	0.75	1.06	2.96
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/28/70-06/05/80	58	0.15	0.41	8.13	0.	1.248	1.117	0.05	0.08	0.532
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/28/70-11/27/79	53	1500.	10123.415	93000.	91.	302368767.747	17388.754	230.	430.	33000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/28/70-11/27/79	53	3.176	3.373	4.968	1.959	0.639	0.799	2.362	2.633	4.507
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			2360.512							
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/28/70-11/27/79	53	230.	1256.434	24000.	40.	11737895.904	3426.061	43.	91.	4140.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/28/70-11/27/79	53	2.362	2.51	4.38	1.602	0.442	0.665	1.633	1.959	3.617
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			323.503							

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GREE0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/11/72-11/03/81	30	14.	14.4	21.	7.	13.007	3.607	9.1	11.75	17.25	19.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/11/72-11/03/81	30	18.	18.	26.	11.	19.931	4.464	12.	13.75	22.	24.9
00032	CLOUD COVER (PERCENT)	01/11/72-01/25/82	30	12.5	42.5	100.	0.	2118.534	46.028	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/28/70-11/03/81	35	10.1	10.263	13.1	8.2	1.643	1.282	8.56	9.2	11.	12.14
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/15/75-11/03/81	15	98.	98.58	112.9	80.8	72.357	8.506	85.36	94.6	105.6	111.22
00310	BOD, 5 DAY, 20 DEG C MG/L	01/28/70-11/03/81	34	1.3	1.865	6.4	0.1	2.235	1.495	0.5	0.9	2.825	4.45
00400	PH (STANDARD UNITS)	01/28/72-11/03/81	30	7.1	7.147	8.2	6.4	0.169	0.412	6.7	6.8	7.425	7.69
00400	CONVERTED PH (STANDARD UNITS)	01/28/72-11/03/81	30	7.1	6.987	8.2	6.4	0.196	0.443	6.7	6.8	7.425	7.69
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/28/72-11/03/81	30	0.079	0.103	0.398	0.006	0.008	0.087	0.02	0.038	0.158	0.2
00403	PH, LAB, STANDARD UNITS SU	01/28/70-11/03/81	35	7.2	7.203	7.8	6.6	0.09	0.299	6.76	7.	7.4	7.64
00403	CONVERTED PH, LAB, STANDARD UNITS	01/28/70-11/03/81	35	7.2	7.105	7.8	6.6	0.099	0.315	6.76	7.	7.4	7.64
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/28/70-11/03/81	35	0.063	0.078	0.251	0.016	0.003	0.055	0.023	0.04	0.1	0.175
00500	RESIDUE, TOTAL (MG/L)	09/04/75-11/03/81	15	90.	210.067	1839.	57.	203873.21	451.523	61.2	77.	116.	835.2
00630	NITRITE PLUS NITRATE, TOTAL I DET. (MG/L AS N)	11/24/71-04/07/81	30	1.3	1.567	4.37	0.2	0.856	0.925	0.709	1.	1.875	2.661
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/28/70-06/05/80	33	0.12	0.178	0.9	0.	0.038	0.195	0.006	0.05	0.21	0.518
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/28/70-11/27/79	31	2400.	28907.419	240000.	150.	3830238473.118	61888.92	530.	1500.	23000.	106600.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/28/70-11/27/79	31	3.38	3.711	5.38	2.176	0.7	0.837	2.7	3.176	4.362	5.027
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			5136.518								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/28/70-11/27/79	31	930.	5470.613	46000.	30.	143448826.645	11977.012	36.8	120.	3900.	22200.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/28/70-11/27/79	31	2.968	2.88	4.663	1.477	0.863	0.929	1.565	2.079	3.591	4.339
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			758.26								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GREE0039

NPS Station ID: GREE0039
Location: ODELL ROAD CROSSING
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:

LAT/LON: 39.042837/ -76.900698

Agency: 21MDEXP
FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S
STORET Station ID(s): INC0051
Within Park Boundary: No

Date Created: 10/11/80

RMI-Miles:
HUC: 02070010
Major Basin: NORTH ATLANTIC
Minor Basin: POTOMAC RIVER
RF1 Index: 02070010
RF3 Index: 02070010064203.36

Depth of Water: 0
Elevation: 0

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 27.00
Distance from RF3: 0.05

On/Off RF1:
On/Off RF3:

Description:
02-14-02-05 ANACOSTIA RIVER DRAINAGE
RECEIVING TRIBUTARY IS NORTHEAST BRANCH

INDIAN CREEK
ODELL ROAD CROSSING

RIVER MILE IS 5.10

Parameter Inventory for Station: GREE0039

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
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***** Data for this station locked by controlling agency *****

Station Inventory for Station: GREE0040

NPS Station ID: GREE0040
 Location: INDIAN C BELTSVILLE US ODELL RD
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes: 0214001 002640 00220
 RMI-Miles: 0109.10 0011.70 005.14
 HUC: 02070010
 Major Basin: NORTH ATLANTIC
 Minor Basin: POTOMAC R
 RF1 Index: 02070010
 RF3 Index: 02070010062300.23
 Description:

LAT/LON: 39.043059/ -76.900004

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 0.73

Agency: 21MDPGHD
 FIPS State/County: 24033 MARYLAND/PRINCE GEORGES
 STORET Station ID(s): A-20 /243016 /PO-A-20
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.06

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: GREE0040

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	60	9.75	10.992	23.	0.	58.758	7.665	1.	4.	19.	22.
00300 OXYGEN, DISSOLVED MG/L	12/18/73-12/02/80	59	10.2	10.21	15.	4.9	8.079	2.842	6.6	8.1	12.1	15.
00400 PH (STANDARD UNITS)	12/18/73-12/02/80	59	6.86	6.838	8.08	5.4	0.26	0.51	6.2	6.5	7.14	7.46
00400 CONVERTED PH (STANDARD UNITS)	12/18/73-12/02/80	59	6.86	6.514	8.08	5.4	0.367	0.605	6.2	6.5	7.14	7.46
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/02/80	59	0.138	0.306	3.981	0.008	0.327	0.571	0.035	0.072	0.316	0.631
01000 ARSENIC, DISSOLVED (UG/L AS AS)	10/27/75-03/22/76	6	3.5	4.5	12.	1.	14.7	3.834	**	**	**	**
30000 DIMETHOATE, SOIL, RECOVERABLE MG/KG	10/27/75-03/22/76	6	14.	13.167	15.	10.	4.967	2.229	**	**	**	**
31501 COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/22/76-12/02/80	34	4100.	45783.529	1100000.	390.35430354647.772	188229.527	680.	1500.	16500.	43000.	
31501 LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	03/22/76-12/02/80	34	3.612	3.734	6.041	2.591	0.574	0.757	2.801	3.176	4.213	4.633
31501 GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	12/18/73-02/23/76	16	15000.	17183.125	43000.	930.	220467222.917	14848.139	1889.	4300.	23000.	43000.
31505 COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/18/73-02/23/76	16	4.176	4.022	4.633	2.968	0.257	0.507	3.244	3.633	4.362	4.633
31505 LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/18/73-02/23/76	16	4.176	4.022	4.633	2.968	0.257	0.507	3.244	3.633	4.362	4.633
31505 GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/18/73-12/02/80	59	930.	6478.627	210000.	23.	748699828.893	27362.38	230.	430.	4300.	9300.
31515 INVALID PARM	12/31/74-09/22/75	9	9300.	34040.	150000.	930.	2511903175.	50118.89	930.	1615.	59000.	150000.
31615 FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	59	930.	6478.627	210000.	23.	748699828.893	27362.38	230.	430.	4300.	9300.
31615 LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	59	2.968	3.091	5.322	1.362	0.492	0.702	2.362	2.633	3.633	3.968
31615 GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	59	2.968	3.091	5.322	1.362	0.492	0.702	2.362	2.633	3.633	3.968
40000 INVALID PARAMETER	10/27/75-03/22/76	6	6.2	6.4	7.4	5.4	0.532	0.729	**	**	**	**
50531 BENZENE, 1,2-PROPADIENYL- UG/L	10/27/75-03/22/76	6	3300.	10150.	43000.	1500.	263687000.	16238.442	**	**	**	**
61500 MERCURY SLUDGE SOLID FRACTN,DRY WT,MG/KG	10/27/75-03/22/76	6	680.	1051.667	2300.	120.	1012216.667	1006.09	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GREE0040

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14	10/15-3/31	4/01-6/30	n/a
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	59	0	0.00	17	0	0.00	11
00400 PH	Fresh Chronic	9.	59	0	0.00	17	0	0.00	10
	Other-Lo Lim.	6.5	59	16	0.27	17	3	0.18	10
01000 ARSENIC, DISSOLVED	Fresh Acute	360.	6	0	0.00		6	0	0.00
	Drinking Water	50.	6	0	0.00		6	0	0.00
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	34	28	0.82	11	10	0.91	16
31505 COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	16	15	0.94	3	3	1.00	11
31615 FECAL COLIFORM, MPN	Other-Hi Lim.	200.	59	54	0.92	17	16	0.94	31

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station GREE0040

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	1	11.6	11.6	11.6	11.6	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	1	9300.	9300.	9300.	9300.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	1	3.968	3.968	3.968	3.968	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =		9300.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GREE0040

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11	12.	11.727	22.	4.	47.768	6.911	4.	4.5	18.	21.6
00300	OXYGEN, DISSOLVED MG/L	11	8.6	9.009	12.4	5.2	5.045	2.246	5.54	7.6	11.2	12.34
00400	PH (STANDARD UNITS)	11	6.9	6.873	7.3	6.4	0.09	0.3	6.42	6.6	7.2	7.28
00400	CONVERTED PH (STANDARD UNITS)	11	6.9	6.78	7.3	6.4	0.1	0.316	6.42	6.6	7.2	7.28
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11	0.126	0.166	0.398	0.05	0.013	0.114	0.053	0.063	0.251	0.382
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11	4300.	5410.909	23000.	430.	44278229.091	6654.189	430.	930.	9300.	20260.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11	3.633	3.433	4.362	2.633	0.327	0.572	2.633	2.968	3.968	4.283
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =		2711.173								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GREE0040

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11	9.5	11.409	23.	3.5	49.291	7.021	3.6	4.	16.	22.8
00300	OXYGEN, DISSOLVED MG/L	11	9.8	9.264	13.3	4.9	8.379	2.895	5.08	6.8	11.2	13.28
00400	PH (STANDARD UNITS)	11	6.9	6.8	7.4	5.4	0.356	0.597	5.54	6.6	7.2	7.4
00400	CONVERTED PH (STANDARD UNITS)	11	6.9	6.28	7.4	5.4	0.653	0.808	5.54	6.6	7.2	7.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11	0.126	0.525	3.981	0.04	1.36	1.166	0.04	0.063	0.251	3.344
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11	930.	2640.	12000.	230.	11787900.	3433.351	262.	430.	4300.	10460.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11	2.968	3.142	4.079	2.362	0.272	0.521	2.408	2.633	3.633	3.99
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =		1386.548								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GREE0040

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12	10.5	11.042	22.	0.5	77.384	8.797	0.95	3.	21.25	22.
00300	OXYGEN, DISSOLVED MG/L	11	14.5	12.773	15.	7.1	8.696	2.949	7.44	10.1	15.	15.
00400	PH (STANDARD UNITS)	11	6.8	6.766	7.6	6.1	0.25	0.5	6.12	6.2	7.1	7.56
00400	CONVERTED PH (STANDARD UNITS)	11	6.8	6.54	7.6	6.1	0.306	0.554	6.12	6.2	7.1	7.56
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11	0.158	0.288	0.794	0.025	0.077	0.277	0.028	0.079	0.631	0.762
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12	930.	18653.333	210000.	120.	3632517933.333	60270.374	153.	332.5	2300.	148290.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12	2.968	3.097	5.322	2.079	0.695	0.834	2.164	2.473	3.362	4.816
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =		1249.753								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GREE0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	10	8.5	10.2	22.	0.	78.844	8.879	0.1	1.	19.5	21.9
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/02/80	10	9.3	8.96	15.	5.1	8.787	2.964	5.13	6.3	10.45	14.59
00400	PH (STANDARD UNITS)	12/18/73-12/02/80	10	6.91	6.98	8.08	5.8	0.413	0.643	5.86	6.625	7.495	8.032
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/02/80	10	6.901	6.563	8.08	5.8	0.606	0.778	5.86	6.625	7.495	8.032
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/02/80	10	0.126	0.273	1.585	0.008	0.225	0.475	0.01	0.032	0.249	1.466
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	9	750.	3140.	23000.	430.	55520050.	7451.178	430.	430.	930.	23000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	9	2.875	2.964	4.362	2.633	0.3	0.548	2.633	2.633	2.968	4.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			920.476								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GREE0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	6	8.5	9.917	20.	3.	41.842	6.469	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/02/80	6	10.75	10.617	13.2	8.2	3.13	1.769	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-12/02/80	6	6.75	6.7	7.1	6.2	0.144	0.379	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/02/80	6	6.682	6.567	7.1	6.2	0.165	0.406	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/02/80	6	0.208	0.271	0.631	0.079	0.049	0.22	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	6	590.	2260.	7500.	150.	9009840.	3001.64	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	6	2.754	2.971	3.875	2.176	0.425	0.652	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			935.628								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GREE0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	9	11.	12.222	23.	0.	73.944	8.599	0.	4.	19.5	23.
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/02/80	9	10.8	10.667	14.2	8.	4.28	2.069	8.	8.6	12.2	14.2
00400	PH (STANDARD UNITS)	12/18/73-12/02/80	9	6.86	6.899	7.77	5.88	0.391	0.625	5.88	6.43	7.505	7.77
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/02/80	9	6.86	6.534	7.77	5.88	0.541	0.735	5.88	6.43	7.505	7.77
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/02/80	9	0.138	0.292	1.318	0.017	0.176	0.419	0.017	0.035	0.404	1.318
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	9	930.	2079.889	9300.	23.	9314423.361	3051.954	23.	68.	3300.	9300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	9	2.968	2.715	3.968	1.362	0.849	0.921	1.362	1.801	3.498	3.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			518.622								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station GREE0040

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	17	20.	19.353	23.	11.	13.743	3.707	11.8	17.5	22.	23.
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/02/80	17	7.8	8.112	12.1	4.9	4.161	2.04	5.14	6.7	9.55	11.62
00400	PH (STANDARD UNITS)	12/18/73-12/02/80	17	6.9	6.972	7.6	6.25	0.17	0.412	6.37	6.65	7.35	7.6
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/02/80	17	6.9	6.798	7.6	6.25	0.202	0.45	6.37	6.65	7.35	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/02/80	17	0.126	0.159	0.562	0.025	0.022	0.149	0.025	0.045	0.225	0.431
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	17	2300.	4227.824	23000.	93.	35507905.529	5958.851	202.6	535.	5900.	14200.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	17	3.362	3.23	4.362	1.968	0.427	0.654	2.283	2.72	3.754	4.136
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1696.622								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station GREE0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	32	4.	4.891	15.	0.	14.222	3.771	0.15	2.25	7.75	10.7
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/02/80	31	11.1	11.6	15.	8.	4.201	2.05	9.14	10.2	13.2	15.
00400	PH (STANDARD UNITS)	12/18/73-12/02/80	32	6.8	6.698	7.71	5.4	0.242	0.492	6.1	6.4	7.	7.34
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/02/80	32	6.8	6.393	7.71	5.4	0.338	0.581	6.1	6.4	7.	7.34
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/02/80	32	0.158	0.405	3.981	0.019	0.51	0.714	0.047	0.1	0.398	0.794
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	31	930.	1748.258	9300.	23.	5876749.465	2424.201	126.	430.	2300.	4300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	31	2.968	2.879	3.968	1.362	0.38	0.617	2.099	2.633	3.362	3.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			757.009								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GREE0040

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	11	16.5	15.818	22.	8.	17.014	4.125	8.3	14.	19.	21.4
00300	OXYGEN, DISSOLVED MG/L	12/18/73-12/02/80	11	8.3	9.536	15.	5.1	13.623	3.691	5.16	6.9	13.9	14.9
00400	PH (STANDARD UNITS)	12/18/73-12/02/80	10	7.05	7.056	8.08	5.8	0.383	0.619	5.881	6.828	7.418	8.049
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-12/02/80	10	7.047	6.617	8.08	5.8	0.598	0.773	5.881	6.828	7.418	8.049
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-12/02/80	10	0.09	0.242	1.585	0.008	0.227	0.477	0.009	0.042	0.156	1.451
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	11	1500.	23288.182	210000.	230.	3879219656.364	62283.382	334.	930.	9300.	172600.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-12/02/80	11	3.176	3.476	5.322	2.362	0.695	0.834	2.464	2.968	3.968	5.13
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2993.327								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GREE0041

NPS Station ID: GREE0041	LAT/LON: 39.050531/ -76.895755	Agency: 21MDEXP	Date Created: 10/11/80
Location: AMMENDALE RD. CROSSING		FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S	
Station Type: /TYPA/AMBNT/STREAM		STORET Station ID(s): UIC0007	
RMI-Indexes:		Within Park Boundary: No	
RMI-Miles:			
HUC: 02070010	Depth of Water: 0	Aquifer:	
Major Basin: NORTH ATLANTIC	Elevation: 0	Water Body Id:	
Minor Basin: POTOMAC RIVER		ECO Region:	
RF1 Index: 02070010	RF1 Mile Point: 0.000	Distance from RF1: 0.00	On/Off RF1:
RF3 Index: 02070010001510.49	RF3 Mile Point: 13.46	Distance from RF3: 0.02	On/Off RF3:
Description:			
02-14-02-05 ANACOSTIA RIVER DRAINAGE	UNNAMED TRIBUTARY	RIVER MILE IS	.70
RECEIVING TRIBUTARY IS INDIAN CREEK	AMMENDALE RD. CROSSING		

Parameter Inventory for Station: GREE0041

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** Data for this station locked by controlling agency *****												

Station Inventory for Station: GREE0042

NPS Station ID: GREE0042
 Location: L PAINT BR CALVERTON DS BLTSVILL
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes: 0214001 002640 00280 0030
 RMI-Miles: 0109.10 0014.30 002.90 000.38
 HUC: 02070010
 Major Basin: NORTH ATLANTIC
 Minor Basin: POTOMAC R
 RF1 Index: 02070010
 RF3 Index: 02070010001401.13
 Description:

LAT/LON: 39.051115/ -76.935837

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 1.12

Agency: 21MDPGHD
 FIPS State/County: 24033 MARYLAND/PRINCE GEORGES
 STORET Station ID(s): A-11 /243007 /PO-A-11
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.50
 Distance from RF3: 0.01

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: GREE0042

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	59	12.	13.085	28.	0.	65.544	8.096	3.	6.	20.5	25.
00300	OXYGEN, DISSOLVED MG/L	12/18/73-01/06/81	58	11.05	11.083	15.	7.6	3.937	1.984	8.49	9.775	12.025	14.64
00400	PH (STANDARD UNITS)	12/18/73-01/06/81	59	6.9	7.048	10.36	6.	0.398	0.631	6.5	6.7	7.3	7.65
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-01/06/81	59	6.9	6.796	10.36	6.	0.463	0.68	6.5	6.7	7.3	7.65
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-01/06/81	59	0.126	0.16	1.	0.	0.031	0.176	0.022	0.05	0.2	0.316
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/27/75-03/22/76	6	4.	5.167	14.	0.	30.167	5.492	**	**	**	**
30000	DIMETHOATE, SOIL, RECOVERABLE MG/KG	10/27/75-03/22/76	6	13.5	13.	15.	10.	5.2	2.28	**	**	**	**
31501	COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/22/76-01/06/81	32	9300.	57019.781	1100000.	93.38579475752.499	196416.587	430.	795.	23000.	117900.	
31501	LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,	03/22/76-01/06/81	32	3.968	3.726	6.041	1.968	0.959	0.979	2.633	2.898	4.362	5.013
31501	GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5317.419								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/18/73-02/23/76	16	4300.	15228.125	75000.	750.	451858656.25	21256.967	1065.	1500.	22500.	52600.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	12/18/73-02/23/76	16	3.633	3.787	4.875	2.875	0.386	0.622	3.018	3.176	4.352	4.706
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6123.907								
31515	INVALID PARM	12/31/74-09/22/75	9	9300.	298732.222	2400000.	430.626878188669.445	791756.395	430.	680.	127500.	2400000.	
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-01/06/81	57	430.	12080.14	460000.	9.3820910159.444	61813.511	23.	59.	2200.	16600.	
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-01/06/81	57	2.633	2.631	5.663	0.954	1.073	1.036	1.362	1.754	3.342	4.213
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			427.361								
40000	INVALID PARAMETER	10/27/75-03/22/76	6	6.95	6.85	7.1	6.3	0.083	0.288	**	**	**	**
50531	BENZENE, 1,2-PROPADIENYL- UG/L	10/27/75-03/22/76	6	5900.	11016.667	43000.	1500.	251865666.667	15870.276	**	**	**	**
61500	MERCURY SLUDGE SOLID FRACTN,DRY WT,MG/KG	10/27/75-03/22/76	6	330.	321.	750.	43.	74130.4	272.269	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GREE0042

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
			Obs			Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	58	0	0.00	17	0	0.00	31	0	0.00	10	0	0.00		
00400	PH	Fresh Chronic	9.	59	1	0.02	17	0	0.00	33	1	0.03	9	0	0.00		
		Other-Lo Lim.	6.5	59	8	0.14	17	3	0.18	33	4	0.12	9	1	0.11		
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	6	0	0.00				6	0	0.00					
		Drinking Water	50.	6	0	0.00				6	0	0.00					
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	32	21	0.66	10	10	1.00	16	6	0.38	6	5	0.83		
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	16	15	0.94	3	3	1.00	11	10	0.91	2	2	1.00		
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	57	37	0.65	16	15	0.94	31	16	0.52	10	6	0.60		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station GREE0042

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	1	3.	3.	3.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/18/73-01/06/81	1	11.4	11.4	11.4	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-01/06/81	1	6.2	6.2	6.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-01/06/81	1	6.2	6.2	6.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-01/06/81	1	0.631	0.631	0.631	0.	0.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-01/06/81	1	430.	430.	430.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-01/06/81	1	2.633	2.633	2.633	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =		430.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GREE0042

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	11	16.5	13.727	25.5	5.5	49.068	7.005	5.6	6.	18.5	24.5
00300	OXYGEN, DISSOLVED MG/L	12/18/73-01/06/81	11	9.9	9.964	11.8	7.9	1.711	1.308	8.02	8.8	11.2	11.72
00400	PH (STANDARD UNITS)	12/18/73-01/06/81	11	6.9	6.764	7.3	6.	0.181	0.425	6.04	6.4	7.1	7.26
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-01/06/81	11	6.9	6.562	7.3	6.	0.225	0.475	6.04	6.4	7.1	7.26
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-01/06/81	11	0.126	0.274	1.	0.05	0.09	0.3	0.056	0.079	0.398	0.926
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-01/06/81	11	93.	821.455	4300.	23.	1816553.873	1347.796	23.	39.	930.	3900.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-01/06/81	11	1.968	2.311	3.633	1.362	0.647	0.804	1.362	1.591	2.968	3.579
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			204.62								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GREE0042

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	11	11.	13.409	24.5	6.	46.841	6.844	6.1	7.5	18.	24.5
00300	OXYGEN, DISSOLVED MG/L	12/18/73-01/06/81	11	10.7	10.518	12.4	8.1	1.608	1.268	8.32	9.8	11.8	12.3
00400	PH (STANDARD UNITS)	12/18/73-01/06/81	11	6.9	7.014	7.6	6.6	0.119	0.345	6.62	6.7	7.25	7.6
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-01/06/81	11	6.9	6.912	7.6	6.6	0.13	0.361	6.62	6.7	7.25	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-01/06/81	11	0.126	0.122	0.251	0.025	0.006	0.074	0.025	0.056	0.2	0.241
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-01/06/81	11	430.	44339.455	460000.	43.19050878360.673	138024.919	52.6	230.	2100.	372600.	
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-01/06/81	11	2.633	2.949	5.663	1.633	1.32	1.149	1.699	2.362	3.322	5.403
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			889.041								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GREE0042

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	12	13.5	13.333	28.	0.	106.606	10.325	0.3	2.25	22.5	27.4
00300	OXYGEN, DISSOLVED MG/L	12/18/73-01/06/81	11	14.2	13.082	15.	8.9	5.014	2.239	9.2	11.2	15.	15.
00400	PH (STANDARD UNITS)	12/18/73-01/06/81	11	7.3	7.281	8.6	6.3	0.445	0.667	6.36	6.79	7.8	8.44
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-01/06/81	11	7.3	6.922	8.6	6.3	0.586	0.766	6.36	6.79	7.8	8.44
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-01/06/81	11	0.05	0.12	0.501	0.003	0.022	0.149	0.005	0.016	0.162	0.451
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-01/06/81	11	230.	2505.091	15000.	23.	19898579.291	4460.782	27.	150.	4300.	12860.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-01/06/81	11	2.362	2.721	4.176	1.362	0.793	0.891	1.416	2.176	3.633	4.068
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			526.6								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GREE0042

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	10	7.	12.1	25.	2.	82.989	9.11	2.3	5.	22.75	25.
00300	OXYGEN, DISSOLVED MG/L	12/18/73-01/06/81	9	10.4	10.189	13.6	7.6	4.006	2.002	7.6	8.15	11.6	13.6
00400	PH (STANDARD UNITS)	12/18/73-01/06/81	10	6.955	7.263	10.36	6.5	1.267	1.126	6.5	6.71	7.313	10.059
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-01/06/81	10	6.954	6.872	10.36	6.5	1.437	1.199	6.5	6.71	7.313	10.059
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-01/06/81	10	0.111	0.134	0.316	0.	0.012	0.108	0.005	0.049	0.204	0.316
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-01/06/81	9	2300.	16798.111	93000.	23.	903946437.111	30065.702	23.	430.	23000.	93000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-01/06/81	9	3.362	3.415	4.968	1.362	1.239	1.113	1.362	2.633	4.362	4.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2599.151								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GREE0042

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	6	11.75	11.917	23.	3.	51.442	7.172	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/18/73-01/06/81	6	11.6	11.85	15.	9.8	3.043	1.744	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-01/06/81	6	6.8	6.833	7.2	6.6	0.047	0.216	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-01/06/81	6	6.789	6.794	7.2	6.6	0.049	0.22	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-01/06/81	6	0.163	0.161	0.251	0.063	0.005	0.068	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-01/06/81	6	330.	1915.333	9300.	9.	13393479.867	3659.71	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-01/06/81	6	2.498	2.409	3.968	0.954	1.257	1.121	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			256.62								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GREE0042

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	8	13.	14.75	26.	2.	73.929	8.598	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/18/73-01/06/81	8	11.1	10.925	13.6	8.5	2.956	1.719	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-01/06/81	8	7.33	7.209	7.65	6.77	0.104	0.323	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-01/06/81	8	7.33	7.105	7.65	6.77	0.117	0.342	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-01/06/81	8	0.047	0.079	0.17	0.022	0.003	0.057	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-01/06/81	7	43.	160.286	430.	23.	35982.571	189.691	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-01/06/81	7	1.633	1.88	2.633	1.362	0.348	0.59	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			75.9								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GREE0042

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	12/18/73-01/06/81	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-01/06/81	1	6.72	6.72	6.72	6.72	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-01/06/81	1	6.72	6.72	6.72	6.72	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-01/06/81	1	0.191	0.191	0.191	0.191	0.	0.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-01/06/81	1	15.	15.	15.	15.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-01/06/81	1	1.176	1.176	1.176	1.176	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station GREE0042

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	17	23.	21.794	26.	13.	14.846	3.853	15.4	19.25	24.75	26.
00300 OXYGEN, DISSOLVED MG/L	12/18/73-01/06/81	17	9.8	9.765	12.1	7.9	1.979	1.407	7.9	8.65	10.8	12.02
00400 PH (STANDARD UNITS)	12/18/73-01/06/81	17	7.32	7.134	7.8	6.4	0.237	0.487	6.48	6.7	7.6	7.8
00400 CONVERTED PH (STANDARD UNITS)	12/18/73-01/06/81	17	7.32	6.902	7.8	6.4	0.294	0.543	6.48	6.7	7.6	7.8
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-01/06/81	17	0.048	0.125	0.398	0.016	0.015	0.123	0.016	0.025	0.2	0.333
31615 FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-01/06/81	16	1800.	37155.813	460000.	43.13234125	727.229	115039.67	313.9	555.	8050.	203100.
31615 LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-01/06/81	16	3.249	3.392	5.663	1.633	0.928	0.963	2.333	2.717	3.885	5.177
31615 GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2468.163								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station GREE0042

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	32	6.	6.797	18.	0.	16.062	4.008	1.3	5.	9.5	12.7
00300 OXYGEN, DISSOLVED MG/L	12/18/73-01/06/81	31	11.4	11.845	15.	8.5	2.729	1.652	10.08	11.	12.4	14.92
00400 PH (STANDARD UNITS)	12/18/73-01/06/81	33	6.9	7.001	10.36	6.	0.57	0.755	6.24	6.71	7.1	7.51
00400 CONVERTED PH (STANDARD UNITS)	12/18/73-01/06/81	33	6.9	6.719	10.36	6.	0.652	0.807	6.24	6.71	7.1	7.51
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-01/06/81	33	0.126	0.191	1.	0.	0.044	0.21	0.033	0.079	0.195	0.579
31615 FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-01/06/81	31	230.	1013.097	23000.	9.	16835783.624	4103.143	23.	23.	430.	750.
31615 LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-01/06/81	31	2.362	2.132	4.362	0.954	0.557	0.746	1.362	1.362	2.633	2.875
31615 GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			135.381								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GREE0042

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/73-12/02/80	10	17.25	18.4	28.	11.	25.433	5.043	11.2	16.	21.25	27.7
00300 OXYGEN, DISSOLVED MG/L	12/18/73-01/06/81	10	10.3	10.96	15.	7.6	7.018	2.649	7.68	9.	13.8	15.
00400 PH (STANDARD UNITS)	12/18/73-01/06/81	9	7.1	7.063	7.44	6.5	0.104	0.322	6.5	6.8	7.35	7.44
00400 CONVERTED PH (STANDARD UNITS)	12/18/73-01/06/81	9	7.1	6.951	7.44	6.5	0.118	0.344	6.5	6.8	7.35	7.44
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-01/06/81	9	0.079	0.112	0.316	0.036	0.009	0.093	0.036	0.045	0.163	0.316
31615 FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-01/06/81	10	2265.	6266.9	23000.	23.	84286608.767	9180.774	28.2	87.	11375.	23000.
31615 LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/18/73-01/06/81	10	2.998	2.96	4.362	1.362	1.264	1.124	1.413	1.938	3.997	4.362
31615 GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			911.823								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GREE0043

NPS Station ID: GREE0043
 Location: PAINT BRANCH BELOW OLD COLUMBIA PIKE (ABOVE)34E6
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02070010
 Major Basin: NORTH ATLANTIC
 Minor Basin: POTOMAC RIVER
 RF1 Index: 02070010030
 RF3 Index: 02070010061100.00
 Description:
 STATION ESTABLISHED ON PAINT BRANCH APPROXIMATELY 10 FEET DOWN STREAM FROM OLD COLUMBIA PIKE. STATION WAS ESTABLISHED BY STATE PERSONNEL TO MONITOR PAINT BRANCH (ABOVE) AND BELOW (50110) THE PROPOSED PAINT BRANCH COMPOSTING FACILITY. THE DATA IS FROM MARYLAND STATE HEALTH DEPARTMENT.

LAT/LON: 39.052088/ -76.979171

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 10.790
 RF3 Mile Point: 2.19

Agency: 21MDMONT
 FIPS State/County: 24031 MARYLAND/MONTGOMERY
 STORET Station ID(s): 50113
 Within Park Boundary: No

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 10.80
 Distance from RF3: 0.14

Date Created: 04/04/81

On/Off RF1: OFF
 On/Off RF3:

Parameter Inventory for Station: GREE0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/80-03/02/87	75	119.	244.6	7600.	47.	761229.486	872.485	86.6	102.	141.	197.6
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/80-12/27/82	28 ##	1.	1.657	6.5	0.5	1.915	1.384	0.5	1.	2.05	3.87
00403	PH, LAB, STANDARD UNITS SU	07/09/80-03/02/87	77	7.2	7.206	9.1	6.3	0.193	0.439	6.7	6.9	7.4	7.7
00403	CONVERTED PH, LAB, STANDARD UNITS	07/09/80-03/02/87	77	7.2	7.021	9.1	6.3	0.228	0.477	6.7	6.9	7.4	7.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/80-03/02/87	77	0.063	0.095	0.501	0.001	0.009	0.097	0.02	0.04	0.126	0.2
00430	ALKALINITY, CARBONATE (MG/L AS CaCO3)	10/05/83-10/05/83	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/07/83-03/02/87	46	79.5	88.391	170.	31.	758.199	27.535	65.4	71.75	98.5	132.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	03/07/83-05/09/84	12	0.078	0.104	0.292	0.01	0.009	0.097	0.01	0.023	0.185	0.279
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/09/80-03/02/87	82	0.014	0.04	0.8	0.	0.008	0.092	0.	0.006	0.05	0.097
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/09/80-03/02/87	80	1.3	1.538	4.6	0.005	1.114	1.055	0.455	0.9	1.788	3.
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/07/83-03/02/87	34	2.	2.709	7.9	0.5	2.864	1.692	1.3	1.6	3.35	5.
00916	CALCIUM, TOTAL (MG/L AS Ca)	03/07/83-03/02/87	44	8.4	8.948	17.8	3.4	10.363	3.219	4.7	7.	10.675	13.35
00940	CHLORIDE, TOTAL IN WATER MG/L	07/09/80-03/02/87	77	18.	24.591	139.	0.5	564.452	23.758	8.	15.	26.5	40.6
00951	FLUORIDE, TOTAL (MG/L AS F)	03/07/83-05/09/84	9	0.09	0.102	0.18	0.04	0.002	0.044	0.04	0.075	0.14	0.18
01002	ARSENIC, TOTAL (UG/L AS AS)	02/28/83-12/08/83	7	0.1	0.329	0.9	0.	0.132	0.364	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS Ba)	02/28/83-01/25/84	11	30.	52.727	140.	10.	1761.818	41.974	10.	20.	80.	130.
01027	CADMIUM, TOTAL (UG/L AS Cd)	07/09/80-03/02/87	76	1.	1.925	40.	0.	22.792	4.774	0.	0.5	2.	3.3
01034	CHROMIUM, TOTAL (UG/L AS Cr)	07/09/80-05/09/84	42	2.5	4.012	25.	0.	23.11	4.807	0.25	0.5	5.25	10.7
01042	COPPER, TOTAL (UG/L AS Cu)	03/07/83-03/02/87	46	4.	4.259	34.	0.	24.878	4.988	0.63	2.75	5.	7.3
01051	LEAD, TOTAL (UG/L AS Pb)	07/09/80-03/02/87	76	2.	3.305	28.	0.	24.016	4.901	0.	0.425	4.	10.
01067	NICKEL, TOTAL (UG/L AS Ni)	02/28/83-05/09/84	12	9.5	9.417	19.	0.	25.72	5.071	0.9	7.	12.	17.8
01077	SILVER, TOTAL (UG/L AS Ag)	02/28/83-01/25/84	11	0.	0.455	2.	0.	0.473	0.688	0.	0.	1.	1.8
01092	ZINC, TOTAL (UG/L AS Zn)	07/09/80-03/02/87	76	5.	9.419	107.	0.	278.855	16.699	0.04	2.	9.	21.5
01147	SELENIUM, TOTAL (UG/L AS Se)	02/28/83-05/09/84	11	0.3	0.209	0.5	0.	0.037	0.192	0.	0.	0.4	0.48
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/09/80-03/02/87	74	1500.	5200.784	110000.	4.	190427937.898	13799.563	164.	430.	4225.	16550.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/09/80-03/02/87	74	3.176	3.121	5.041	0.602	0.584	0.764	2.204	2.633	3.626	4.217
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1322.57								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/09/80-11/17/83	37	230.	1264.189	23000.	9.	16100505.713	4012.544	40.	126.	430.	2240.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/09/80-11/17/83	37	2.362	2.412	4.362	0.954	0.439	0.663	1.596	2.1	2.633	3.325
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			257.997								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	06/08/83-11/17/83	5	2600.	2810.	6500.	850.	5325500.	2307.704	**	**	**	**
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	06/08/83-11/17/83	5	3.415	3.323	3.813	2.929	0.143	0.378	**	**	**	**
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			2105.424								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GREE0043

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70505 PHOSPHATE, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	07/09/80-03/02/87	76	0.03	0.068	0.59	0.	0.011	0.106	0.005	0.01	0.08	0.15
71885 IRON (UG/L AS FE)	07/09/80-11/03/80	5	190.	268.	600.	30.	46470.	215.569	**	**	**	**
71890 MERCURY, DISSOLVED (UG/L AS HG)	02/28/83-05/09/84	3	0.05	0.05	0.1	0.	0.003	0.05	**	**	**	**
74010 IRON, TOTAL (MG/L AS FE)	07/09/80-12/27/82	30	23.	176.763	1150.	0.02	70402.351	265.334	0.108	0.31	267.5	580.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GREE0043

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403 PH, LAB	Fresh Chronic	9.	77	1	0.01	25	0	0.00	36	1	0.03	16	0	0.00			
	Other-Lo Lim.	6.5	77	6	0.08	25	3	0.12	36	2	0.06	16	1	0.06			
00615 NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	82	0	0.00	28	0	0.00	38	0	0.00	16	0	0.00			
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	80	0	0.00	27	0	0.00	37	0	0.00	16	0	0.00			
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	77	0	0.00	25	0	0.00	36	0	0.00	16	0	0.00			
	Drinking Water	250.	77	0	0.00	25	0	0.00	36	0	0.00	16	0	0.00			
00951 FLUORIDE, TOTAL AS F	Drinking Water	4.	9	0	0.00	4	0	0.00	1	0	0.00	4	0	0.00			
01002 ARSENIC, TOTAL	Fresh Acute	360.	7	0	0.00	2	0	0.00	3	0	0.00	2	0	0.00			
	Drinking Water	50.	7	0	0.00	2	0	0.00	3	0	0.00	2	0	0.00			
01007 BARIUM, TOTAL	Drinking Water	2000.	11	0	0.00	4	0	0.00	4	0	0.00	3	0	0.00			
01027 CADMIUM, TOTAL	Fresh Acute	3.9	76	7	0.09	25	0	0.00	35	4	0.11	16	3	0.19			
	Drinking Water	5.	76	6	0.08	25	0	0.00	35	3	0.09	16	3	0.19			
01034 CHROMIUM, TOTAL	Drinking Water	100.	42	0	0.00	14	0	0.00	18	0	0.00	10	0	0.00			
01042 COPPER, TOTAL	Fresh Acute	18.	46	1	0.02	15	0	0.00	21	0	0.00	10	1	0.10			
	Drinking Water	1300.	46	0	0.00	15	0	0.00	21	0	0.00	10	0	0.00			
01051 LEAD, TOTAL	Fresh Acute	82.	76	0	0.00	25	0	0.00	35	0	0.00	16	0	0.00			
	Drinking Water	15.	76	3	0.04	25	1	0.04	35	2	0.06	16	0	0.00			
01067 NICKEL, TOTAL	Fresh Acute	1400.	12	0	0.00	4	0	0.00	4	0	0.00	4	0	0.00			
	Drinking Water	100.	12	0	0.00	4	0	0.00	4	0	0.00	4	0	0.00			
01077 SILVER, TOTAL	Fresh Acute	4.1	11	0	0.00	4	0	0.00	4	0	0.00	3	0	0.00			
	Drinking Water	100.	11	0	0.00	4	0	0.00	4	0	0.00	3	0	0.00			
01092 ZINC, TOTAL	Fresh Acute	120.	76	0	0.00	25	0	0.00	35	0	0.00	16	0	0.00			
	Drinking Water	5000.	76	0	0.00	25	0	0.00	35	0	0.00	16	0	0.00			
01147 SELENIUM, TOTAL	Fresh Acute	20.	11	0	0.00	4	0	0.00	4	0	0.00	3	0	0.00			
	Drinking Water	50.	11	0	0.00	4	0	0.00	4	0	0.00	3	0	0.00			
31505 COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	73 &	44	0.60	24	19	0.79	35	17	0.49	14	8	0.57			
31615 FECAL COLIFORM, MPN	Other-Hi Lim.	200.	37	21	0.57	14	9	0.64	16	7	0.44	7	5	0.71			
71890 MERCURY, DISSOLVED	Fresh Acute	2.4	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
	Drinking Water	2.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1980 - Station GREE0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/80-03/02/87	6	122.	127.333	152.	116.	199.867	14.137	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/09/80-03/02/87	6	7.05	7.083	7.5	6.8	0.07	0.264	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/09/80-03/02/87	6	7.025	7.024	7.5	6.8	0.074	0.272	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/80-03/02/87	6	0.094	0.095	0.158	0.032	0.002	0.049	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/09/80-03/02/87	11 ##	0.05	0.068	0.1	0.05	0.001	0.025	0.05	0.05	0.1	0.1
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/09/80-03/02/87	11	3.9	3.536	4.6	2.5	0.553	0.743	2.56	2.8	3.9	4.6
00940	CHLORIDE, TOTAL IN WATER MG/L	07/09/80-03/02/87	6	18.	21.333	43.	11.	128.267	11.325	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	07/09/80-03/02/87	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/09/80-03/02/87	6 ##	0.5	1.083	4.	0.5	2.042	1.429	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/09/80-03/02/87	6	2.	2.167	4.	1.	1.367	1.169	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/09/80-03/02/87	6	1650.	1526.667	2150.	310.	436866.667	660.959	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/09/80-03/02/87	6	3.216	3.117	3.332	2.491	0.099	0.315	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1309.344								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	07/09/80-03/02/87	6 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GREE0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/80-03/02/87	11	122.	151.	470.	95.	11460.8	107.055	96.	107.	142.	404.6
00403	PH, LAB, STANDARD UNITS SU	07/09/80-03/02/87	12	6.75	6.833	7.4	6.3	0.142	0.377	6.33	6.5	7.2	7.37
00403	CONVERTED PH, LAB, STANDARD UNITS	07/09/80-03/02/87	12	6.747	6.698	7.4	6.3	0.162	0.403	6.33	6.5	7.2	7.37
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/80-03/02/87	12	0.179	0.2	0.501	0.04	0.023	0.152	0.043	0.063	0.316	0.47
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/09/80-03/02/87	12 ##	0.05	0.054	0.1	0.05	0.	0.014	0.05	0.05	0.05	0.085
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/09/80-03/02/87	12	1.4	1.75	3.7	0.8	0.794	0.891	0.83	1.125	2.325	3.49
00940	CHLORIDE, TOTAL IN WATER MG/L	07/09/80-03/02/87	12	19.	32.25	139.	13.	1239.841	35.211	13.6	15.5	37.75	110.8
01027	CADMIUM, TOTAL (UG/L AS CD)	07/09/80-03/02/87	12 ##	0.5	1.45	9.	0.05	6.984	2.643	0.05	0.05	1.625	7.5
01051	LEAD, TOTAL (UG/L AS PB)	07/09/80-03/02/87	12 ##	0.5	1.633	13.	0.2	13.017	3.608	0.26	0.5	0.5	9.7
01092	ZINC, TOTAL (UG/L AS ZN)	07/09/80-03/02/87	12 ##	0.5	6.755	64.	0.015	329.495	18.152	0.015	0.015	5.	46.3
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/09/80-03/02/87	10	865.	859.8	2300.	128.	496724.844	704.787	135.2	215.	1272.5	2198.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/09/80-03/02/87	10	2.917	2.761	3.362	2.107	0.196	0.443	2.127	2.332	3.105	3.336
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			577.179								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	07/09/80-03/02/87	11	0.02	0.027	0.13	0.005	0.001	0.036	0.005	0.01	0.03	0.112

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GREE0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/80-03/02/87	12	140.	859.417	7600.	74.	4612821.902	2147.748	76.7	104.	325.	5695.
00403	PH, LAB, STANDARD UNITS SU	07/09/80-03/02/87	12	7.25	7.167	7.9	6.4	0.195	0.442	6.43	6.825	7.3	7.84
00403	CONVERTED PH, LAB, STANDARD UNITS	07/09/80-03/02/87	12	7.247	6.953	7.9	6.4	0.245	0.495	6.43	6.825	7.3	7.84
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/80-03/02/87	12	0.057	0.111	0.398	0.013	0.016	0.125	0.015	0.05	0.165	0.374
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/09/80-03/02/87	12 ##	0.005	0.015	0.05	0.005	0.	0.018	0.005	0.005	0.024	0.05
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/09/80-03/02/87	11	0.71	0.93	2.56	0.005	0.913	0.955	0.006	0.06	1.8	2.542
00940	CHLORIDE, TOTAL IN WATER MG/L	07/09/80-03/02/87	12	18.	25.208	122.	0.5	1017.521	31.899	2.45	7.5	25.5	95.6
01027	CADMIUM, TOTAL (UG/L AS CD)	07/09/80-03/02/87	12 ##	0.5	1.233	8.	0.3	4.735	2.176	0.36	0.5	0.5	6.2
01051	LEAD, TOTAL (UG/L AS PB)	07/09/80-03/02/87	12 ##	2.5	2.833	10.	0.5	5.606	2.368	0.65	2.125	2.5	7.9
01092	ZINC, TOTAL (UG/L AS ZN)	07/09/80-03/02/87	12 ##	5.	4.254	10.	0.05	7.575	2.752	0.185	1.625	5.	8.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/09/80-03/02/87	12	2225.	3733.333	18100.	300.	22527424.242	4746.306	450.	1662.5	4175.	14230.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/09/80-03/02/87	12	3.346	3.365	4.258	2.477	0.192	0.438	2.605	3.221	3.621	4.095
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2315.282								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	07/09/80-03/02/87	12	0.015	0.021	0.09	0.005	0.001	0.024	0.005	0.005	0.02	0.075

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GREE0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/80-03/02/87	9	115.	116.889	141.	100.	155.361	12.464	100.	108.5	125.	141.
00403	PH, LAB, STANDARD UNITS SU	07/09/80-03/02/87	10	7.45	7.54	9.1	6.8	0.407	0.638	6.81	7.2	7.725	8.97
00403	CONVERTED PH, LAB, STANDARD UNITS	07/09/80-03/02/87	10	7.425	7.283	9.1	6.8	0.481	0.693	6.81	7.2	7.725	8.97
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/80-03/02/87	10	0.038	0.052	0.158	0.001	0.003	0.051	0.002	0.019	0.069	0.155
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/07/83-03/02/87	9	76.	77.	93.	66.	70.25	8.382	66.	71.	82.5	93.
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/09/80-03/02/87	10	0.015	0.036	0.15	0.	0.002	0.048	0.001	0.009	0.049	0.144
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/09/80-03/02/87	9	1.2	1.19	1.7	0.11	0.213	0.462	0.11	1.05	1.5	1.7
00940	CHLORIDE,TOTAL IN WATER MG/L	07/09/80-03/02/87	10	18.5	20.	31.	13.	28.222	5.312	13.2	16.5	24.25	30.4
01027	CADMIUM, TOTAL (UG/L AS CD)	07/09/80-03/02/87	9	2.	2.556	7.	0.	6.028	2.455	0.	0.5	4.5	7.
01042	COPPER, TOTAL (UG/L AS CU)	03/07/83-03/02/87	9	4.	4.111	9.	1.	6.861	2.619	1.	2.	6.	9.
01051	LEAD, TOTAL (UG/L AS PB)	07/09/80-03/02/87	9	5.	4.778	9.	0.	12.444	3.528	0.	1.	8.	9.
01092	ZINC, TOTAL (UG/L AS ZN)	07/09/80-03/02/87	9	9.	20.222	107.	3.	1082.944	32.908	3.	4.5	16.	107.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/09/80-03/02/87	9	4300.	10255.556	24000.	390.	116668327.778	10801.311	390.	840.	23000.	24000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/09/80-03/02/87	9	3.633	3.591	4.38	2.591	0.555	0.745	2.591	2.922	4.362	4.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3896.746								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	07/09/80-03/02/87	10	0.12	0.152	0.59	0.04	0.025	0.158	0.042	0.075	0.15	0.546

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GREE0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/80-03/02/87	12	125.5	138.083	244.	47.	3116.083	55.822	58.7	102.25	190.75	230.8
00403	PH, LAB, STANDARD UNITS SU	07/09/80-03/02/87	12	7.15	7.317	8.1	6.9	0.143	0.379	6.93	7.	7.675	7.98
00403	CONVERTED PH, LAB, STANDARD UNITS	07/09/80-03/02/87	12	7.147	7.198	8.1	6.9	0.159	0.398	6.93	7.	7.675	7.98
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/80-03/02/87	12	0.071	0.063	0.126	0.008	0.002	0.04	0.012	0.021	0.1	0.118
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/07/83-03/02/87	12	83.	91.25	161.	31.	1354.205	36.8	38.8	67.75	125.75	152.3
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/09/80-03/02/87	12	0.01	0.024	0.175	0.	0.002	0.048	0.	0.005	0.015	0.132
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/09/80-03/02/87	12	1.45	1.398	2.06	0.4	0.274	0.523	0.43	1.165	1.738	2.042
00940	CHLORIDE,TOTAL IN WATER MG/L	07/09/80-03/02/87	12	32.	38.25	130.	12.	980.023	31.305	13.5	17.75	40.	106.9
01027	CADMIUM, TOTAL (UG/L AS CD)	07/09/80-03/02/87	12	1.	4.5	40.	0.	126.091	11.229	0.	0.25	2.75	28.9
01042	COPPER, TOTAL (UG/L AS CU)	03/07/83-03/02/87	12	3.5	3.667	9.	0.	6.242	2.498	0.	2.25	5.	8.1
01051	LEAD, TOTAL (UG/L AS PB)	07/09/80-03/02/87	12	9.5	9.75	28.	0.	66.932	8.181	0.	4.25	14.	25.6
01092	ZINC, TOTAL (UG/L AS ZN)	07/09/80-03/02/87	12	12.	21.25	61.	2.	379.114	19.471	2.6	4.	37.5	55.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/09/80-03/02/87	12	3100.	6196.083	24000.	93.	69874642.265	8359.105	194.1	697.5	6775.	23700.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/09/80-03/02/87	12	3.476	3.387	4.38	1.968	0.504	0.71	2.168	2.769	3.822	4.375
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2435.594								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	07/09/80-03/02/87	12	0.13	0.172	0.5	0.02	0.025	0.159	0.026	0.053	0.195	0.494

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GREE0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/80-03/02/87	11	106.	116.455	212.	86.	1260.073	35.498	86.2	92.	128.	195.6
00403	PH, LAB, STANDARD UNITS SU	07/09/80-03/02/87	11	7.3	7.327	8.1	6.9	0.132	0.364	6.9	7.	7.6	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	07/09/80-03/02/87	11	7.3	7.213	8.1	6.9	0.147	0.383	6.9	7.	7.6	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/80-03/02/87	11	0.05	0.061	0.126	0.008	0.002	0.041	0.011	0.025	0.1	0.126
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/07/83-03/02/87	11	84.	90.182	170.	69.	813.164	28.516	69.2	73.	98.	156.4
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/09/80-03/02/87	11	0.01	0.083	0.8	0.	0.057	0.238	0.	0.01	0.02	0.644
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/09/80-03/02/87	11	1.1	1.101	1.7	0.01	0.214	0.462	0.148	0.9	1.4	1.66
00940	CHLORIDE,TOTAL IN WATER MG/L	07/09/80-03/02/87	11	15.	15.273	27.	8.	55.618	7.458	8.	8.	20.	27.
01027	CADMIUM, TOTAL (UG/L AS CD)	07/09/80-03/02/87	11	1.	1.279	6.	0.	3.001	1.732	0.	0.	2.	5.2
01042	COPPER, TOTAL (UG/L AS CU)	03/07/83-03/02/87	11	4.	5.718	34.	0.	92.914	9.639	0.	0.9	5.	28.6
01051	LEAD, TOTAL (UG/L AS PB)	07/09/80-03/02/87	11	0.	0.827	5.	0.	3.348	1.83	0.	0.	0.1	4.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GREE0043

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01092 ZINC, TOTAL (UG/L AS ZN)	07/09/80-03/02/87	11	3.	3.245	15.	0.	17.963	4.238	0.	0.	4.	12.8
31505 COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/09/80-03/02/87	11	930.	11604.909	110000.	4.	1071904625.091	32739.955	45.2	230.	2400.	89860.
31505 LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/09/80-03/02/87	11	2.968	2.96	5.041	0.602	1.213	1.101	0.946	2.362	3.38	4.827
31505 GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			911.291								
70505 PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	07/09/80-03/02/87	11	0.05	0.049	0.12	0.	0.001	0.036	0.002	0.02	0.08	0.112

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GREE0043

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/80-03/02/87	11	98.	113.545	178.	75.	1272.873	35.677	76.2	89.	146.	175.6
00403 PH, LAB, STANDARD UNITS SU	07/09/80-03/02/87	11	7.4	7.264	7.5	6.9	0.045	0.211	6.92	7.1	7.4	7.5
00403 CONVERTED PH, LAB, STANDARD UNITS	07/09/80-03/02/87	11	7.4	7.215	7.5	6.9	0.047	0.217	6.92	7.1	7.4	7.5
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/80-03/02/87	11	0.04	0.061	0.126	0.032	0.001	0.032	0.032	0.04	0.079	0.121
00515 RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/07/83-03/02/87	11	79.	90.273	142.	60.	795.018	28.196	60.8	71.	116.	140.
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	07/09/80-03/02/87	11	0.01	0.008	0.04	0.	0.	0.012	0.	0.	0.01	0.034
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	07/09/80-03/02/87	11	1.	0.932	1.4	0.45	0.093	0.305	0.46	0.6	1.2	1.36
00940 CHLORIDE,TOTAL IN WATER MG/L	07/09/80-03/02/87	11	15.	16.273	36.	8.	77.218	8.787	8.	9.	21.	34.
01027 CADMIUM, TOTAL (UG/L AS CD)	07/09/80-03/02/87	11	1.	1.273	2.	1.	0.218	0.467	1.	1.	2.	2.
01042 COPPER, TOTAL (UG/L AS CU)	03/07/83-03/02/87	11	3.	3.545	8.	1.	3.273	1.809	1.2	3.	4.	7.4
01051 LEAD, TOTAL (UG/L AS PB)	07/09/80-03/02/87	11	1.	1.455	4.	0.	2.073	1.44	0.	0.	3.	3.8
01092 ZINC, TOTAL (UG/L AS ZN)	07/09/80-03/02/87	11	6.	6.	15.	1.	15.	3.873	1.2	3.	8.	13.8
31505 COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/09/80-03/02/87	11	930.	2144.273	9300.	64.	8092808.418	2844.786	69.8	240.	4300.	8300.
31505 LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/09/80-03/02/87	11	2.968	2.915	3.968	1.806	0.494	0.703	1.839	2.38	3.633	3.901
31505 GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			822.522								
70505 PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	07/09/80-03/02/87	11	0.02	0.035	0.12	0.	0.001	0.038	0.	0.	0.06	0.11

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GREE0043

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/80-03/02/87	3	111.	122.667	154.	103.	752.333	27.429	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	07/09/80-03/02/87	3	7.	6.9	7.	6.7	0.03	0.173	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	07/09/80-03/02/87	3	7.	6.876	7.	6.7	0.031	0.176	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/80-03/02/87	3	0.1	0.133	0.2	0.1	0.003	0.057	**	**	**	**
00515 RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/07/83-03/02/87	3	88.	97.667	123.	82.	490.333	22.143	**	**	**	**
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	07/09/80-03/02/87	3	0.01	0.007	0.01	0.	0.	0.006	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	07/09/80-03/02/87	3	1.	1.033	1.2	0.9	0.023	0.153	**	**	**	**
00940 CHLORIDE,TOTAL IN WATER MG/L	07/09/80-03/02/87	3	21.	23.333	32.	17.	60.333	7.767	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS CD)	07/09/80-03/02/87	3	2.	2.	2.	2.	0.	0.	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	03/07/83-03/02/87	3	4.	4.333	5.	4.	0.333	0.577	**	**	**	**
01051 LEAD, TOTAL (UG/L AS PB)	07/09/80-03/02/87	3	2.	2.	3.	1.	1.	1.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	07/09/80-03/02/87	3	10.	10.667	15.	7.	16.333	4.041	**	**	**	**
31505 COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/09/80-03/02/87	3	93.	1468.667	4300.	13.	6013936.333	2452.333	**	**	**	**
31505 LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/09/80-03/02/87	3	1.968	2.239	3.633	1.114	1.642	1.281	**	**	**	**
31505 GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			173.233								
70505 PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	07/09/80-03/02/87	3	0.02	0.013	0.02	0.	0.	0.012	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station GREE0043

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	25	117.	124.12	212.	74.	1220.61	34.937	84.	95.	142.5	186.8
00403	PH, LAB, STANDARD UNITS SU	25	7.3	7.292	8.1	6.3	0.222	0.472	6.46	7.1	7.65	7.92
00403	CONVERTED PH, LAB, STANDARD UNITS	25	7.3	7.025	8.1	6.3	0.296	0.545	6.46	7.1	7.65	7.92
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	25	0.05	0.094	0.501	0.008	0.016	0.127	0.013	0.023	0.082	0.349
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	28	0.01	0.033	0.15	0.	0.002	0.039	0.	0.005	0.05	0.1
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	27	1.	1.583	3.9	0.01	1.516	1.231	0.382	0.71	2.8	3.9
00940	CHLORIDE, TOTAL IN WATER MG/L	25	18.	17.36	43.	7.	79.573	8.92	8.	9.	21.	31.6
01027	CADMIUM, TOTAL (UG/L AS CD)	25	1.	1.088	3.	0.	0.56	0.749	0.38	0.5	2.	2.
01051	LEAD, TOTAL (UG/L AS PB)	25	2.5	4.316	20.	0.	25.926	5.092	0.	0.5	8.	11.8
01092	ZINC, TOTAL (UG/L AS ZN)	25	5.	7.4	64.	0.	152.729	12.358	0.5	2.5	8.5	13.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	25	2000.	4396.88	24000.	64.	43479505.693	6593.899	285.2	1110.	4300.	18600.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	25	3.301	3.297	4.38	1.806	0.354	0.595	2.398	3.045	3.633	4.258
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =		1979.887								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	25	0.04	0.055	0.15	0.	0.002	0.048	0.005	0.008	0.08	0.138

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station GREE0043

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	34	120.	168.118	1250.	47.	42757.743	206.779	84.5	102.75	140.25	277.5
00403	PH, LAB, STANDARD UNITS SU	36	7.1	7.169	9.1	6.5	0.215	0.463	6.7	6.9	7.375	7.63
00403	CONVERTED PH, LAB, STANDARD UNITS	36	7.1	7.014	9.1	6.5	0.24	0.49	6.7	6.9	7.375	7.63
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	36	0.079	0.097	0.316	0.001	0.006	0.075	0.024	0.042	0.126	0.2
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	38	0.023	0.054	0.8	0.	0.017	0.129	0.	0.01	0.05	0.1
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	37	1.3	1.615	4.6	0.01	0.975	0.988	0.628	1.07	2.03	3.
00940	CHLORIDE, TOTAL IN WATER MG/L	36	20.	31.389	139.	7.	1011.502	31.804	10.7	17.	33.5	68.1
01027	CADMIUM, TOTAL (UG/L AS CD)	35	1.	2.724	40.	0.	45.922	6.777	0.03	0.5	2.	5.6
01051	LEAD, TOTAL (UG/L AS PB)	35	1.	3.034	28.	0.	28.921	5.378	0.	0.2	3.	8.2
01092	ZINC, TOTAL (UG/L AS ZN)	35	5.	8.488	61.	0.	154.019	12.41	0.036	1.	10.	21.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	35	930.	2907.114	23000.	13.	25681664.575	5067.708	157.2	240.	2400.	9300.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	35	2.968	2.962	4.362	1.114	0.507	0.712	2.168	2.38	3.38	3.968
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =		916.621								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	35	0.02	0.046	0.2	0.	0.003	0.057	0.	0.005	0.08	0.13

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GREE0043

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	16	121.5	595.375	7600.	87.	3490681.45	1868.337	89.1	102.25	143.	2450.8
00403	PH, LAB, STANDARD UNITS SU	16	7.2	7.156	7.6	6.4	0.101	0.318	6.68	6.9	7.4	7.6
00403	CONVERTED PH, LAB, STANDARD UNITS	16	7.2	7.031	7.6	6.4	0.118	0.343	6.68	6.9	7.4	7.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	16	0.063	0.093	0.398	0.025	0.008	0.091	0.025	0.04	0.126	0.23
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	16	0.011	0.019	0.05	0.	0.	0.017	0.002	0.006	0.028	0.05
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	16	1.275	1.288	3.7	0.005	0.811	0.901	0.044	1.025	1.5	2.79
00940	CHLORIDE, TOTAL IN WATER MG/L	16	17.	20.594	53.	0.5	157.307	12.542	5.75	15.	25.5	43.2
01027	CADMIUM, TOTAL (UG/L AS CD)	16	0.285	1.483	7.	0.	6.107	2.471	0.	0.013	1.75	6.3
01051	LEAD, TOTAL (UG/L AS PB)	16	0.75	2.319	10.	0.	10.132	3.183	0.	0.025	3.625	9.3
01092	ZINC, TOTAL (UG/L AS ZN)	16	4.5	14.609	107.	0.015	763.246	27.627	0.015	0.775	14.25	60.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	14	1600.	12370.5	110000.	4.	851122952.423	29174.012	48.5	715.	8975.	66500.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	14	3.203	3.207	5.041	0.602	1.167	1.08	1.285	2.853	3.816	4.702
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =		1609.147								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	16	0.035	0.134	0.59	0.01	0.039	0.198	0.01	0.02	0.14	0.527

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GREE0044

NPS Station ID: GREE0044

Location: 1000 FT. BELOW MINERAL PIGMENTS OUTFALL

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 02070010

Major Basin: NORTH ATLANTIC

Minor Basin: POTOMAC RIVER

RF1 Index: 02070010

RF3 Index: 02070010065300.50

Description:

02-14-02-05 ANACOSTIA RIVER DRAINAGE

RECEIVING TRIBUTARY IS INDIAN CREEK

LAT/LON: 39.058755/ -76.888003

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 0.52

UNNAMED TRIBUTARY

1000 FT. BELOW MINERAL PIGMENTS OUTFALL

Agency: 21MDEXP

FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S

STORET Station ID(s): UIC0015

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.04

On/Off RF1:

On/Off RF3:

Date Created: 10/11/80

Parameter Inventory for Station: GREE0044

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** Data for this station locked by controlling agency *****												

Station Inventory for Station: GREE0045

NPS Station ID: GREE0045

Location: OPPOSITE OF MINERAL PIGMENTS CO. ACROSS RAILROAD

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 02070010

Major Basin: NORTH ATLANTIC

Minor Basin: POTOMAC RIVER

RF1 Index: 02070010

RF3 Index: 02070010065301.18

Description:

02-14-02-05 ANACOSTIA RIVER DRAINAGE

RECEIVING TRIBUTARY IS INDIAN CREEK

LAT/LON: 39.059865/ -76.888366

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 1.26

UNNAMED TRIBUTARY

OPPOSITE OF MINERAL PIGMENTS CO. ACROSS RAILROAD TRACKS AND RT. 1

Agency: 21MDEXP

FIPS State/County: 24033 MARYLAND/PRINCE GEORGE'S

STORET Station ID(s): UIC0016

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.02

RIVER MILE IS 1.60

Date Created: 10/11/80

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: GREE0045

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
***** Data for this station locked by controlling agency *****												

Station Inventory for Station: GREE0046

NPS Station ID: GREE0046
 Location: TRIB TO LTL PAINT ON PALERMO DR
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02070010
 Major Basin: NORTH ATLANTIC
 Minor Basin: POTOMAC RIVER
 RF1 Index: 02070010
 RF3 Index: 02070010003111.19
 Description:
 STATION ESTABLISHED ON UNNAMED TRIBUTARY ALONG PALERMO DRIVE 100 FEET DOWN STREAM FROM FAIRLAND LANDFILL. ESTABLISHED OCTOBER 1973.

LAT/LON: 39.063892/ -76.950005

Agency: 21MDMONT
 FIPS State/County: 24031 MARYLAND/MONTGOMERY
 STORET Station ID(s): 59010
 Within Park Boundary: No

Date Created: / /

Depth of Water: 999
 Elevation: 0

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.30
 Distance from RF3: 0.03

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: GREE0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/16/73-12/01/80	46	-1.	10.848	33.	-1.	78.887	8.882	2.	4.75	18.5	23.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/16/73-12/01/80	47	-1.	11.745	42.	-4.	127.02	11.27	1.	5.	24.	28.
00032	CLOUD COVER (PERCENT)	11/16/73-12/01/80	50	25.	43.5	100.	0.	1780.867	42.2	0.	0.	100.	100.
00075	TURBIDITY, HELLOG (PPM AS SILICON DIOXIDE)	11/16/73-12/12/77	46	5.	10.663	81.	0.	227.178	15.072	1.	3.	13.25	23.9
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/16/78-12/01/80	13	3.1	4.238	12.	1.	12.359	3.516	1.04	1.5	6.95	10.88
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/16/76-12/14/76	2	182.5	182.5	185.	180.	12.5	3.536	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/73-12/01/80	56	185.	237.929	2500.	140.	97887.558	312.87	150.	160.	210.	313.9
00300	OXYGEN, DISSOLVED MG/L	11/16/73-12/01/80	47	11.2	11.04	14.8	6.6	2.815	1.678	8.6	10.	12.2	13.04
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/26/75-12/01/80	37	95.8	97.624	147.9	77.6	191.305	13.831	82.02	88.	102.7	115.92
00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/73-12/01/80	60	2.	3.767	58.7	0.1	62.566	7.91	0.73	1.3	2.975	6.18
00400	PH (STANDARD UNITS)	11/16/73-12/01/80	47	7.	7.019	9.4	5.9	0.389	0.623	6.3	6.7	7.2	7.84
00400	CONVERTED PH (STANDARD UNITS)	11/16/73-12/01/80	47	7.	6.719	9.4	5.9	0.481	0.693	6.3	6.7	7.2	7.84
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	47	0.1	0.191	1.259	0.	0.063	0.251	0.015	0.063	0.2	0.501
00403	PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	60	7.	7.133	9.6	6.2	0.412	0.642	6.5	6.7	7.375	7.98
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	60	7.	6.865	9.6	6.2	0.485	0.697	6.5	6.7	7.375	7.98
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	60	0.1	0.136	0.631	0.	0.016	0.125	0.011	0.042	0.2	0.316
00500	RESIDUE, TOTAL (MG/L)	07/10/74-12/01/80	51	131.	140.765	346.	86.	2350.864	48.486	97.	112.	163.	199.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/05/76-01/05/76	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL I DET. (MG/L AS N)	11/16/73-12/01/80	60	1.495	1.493	2.91	0.3	0.297	0.545	0.838	1.1	1.815	2.118
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	56	0.1	0.142	0.92	0.	0.028	0.168	0.	0.04	0.158	0.369
00940	CHLORIDE,TOTAL IN WATER MG/L	07/10/74-12/01/80	49	18.	19.98	61.	2.	89.77	9.475	13.	16.	22.5	28.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/21/80-12/01/80	4	4765.	5170.	11000.	150.	33549933.333	5792.23	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/21/80-12/01/80	4	3.165	3.137	4.041	2.176	1.011	1.006	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/16/73-12/03/79	53	7500.	20133.208	240000.	150.	1541270099.129	39259.013	230.	930.	24000.	46000.
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	53	3.875	3.673	5.38	2.176	0.705	0.84	2.362	2.968	4.38	4.663
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	53	230.	2200.075	43000.	4.	42291830.533	6503.217	15.	36.	1215.	7300.
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	53	2.362	2.345	4.633	0.602	0.957	0.978	1.176	1.556	3.072	3.834
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/21/80-12/01/80	4	260.5	734.	2400.	15.	1266127.333	1125.223	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/21/80-12/01/80	4	2.296	2.287	3.38	1.176	0.886	0.941	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/79-12/01/80	6	0.505	0.433	0.64	0.14	0.042	0.205	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/10/74-12/01/80	43	0.69	1.054	5.28	0.11	1.135	1.065	0.2	0.35	1.39	2.348
74010	IRON, TOTAL (MG/L AS FE)												

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GREE0046

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	13	0	0.00	3	0	0.00	7	0	0.00	3	0	0.00			
00300	OXYGEN, DISSOLVED	4.	47	0	0.00	10	0	0.00	27	0	0.00	10	0	0.00			
00400	PH	9.	47	1	0.02	9	1	0.11	27	0	0.00	11	0	0.00			
	Other-Lo Lim.	6.5	47	7	0.15	9	0	0.00	27	5	0.19	11	2	0.18			
00403	PH, LAB	9.	60	2	0.03	14	2	0.14	31	0	0.00	15	0	0.00			
	Other-Lo Lim.	6.5	60	7	0.12	14	1	0.07	31	5	0.16	15	1	0.07			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	10.	60	0	0.00	14	0	0.00	31	0	0.00	15	0	0.00			
00940	CHLORIDE, TOTAL IN WATER	860.	49	0	0.00	13	0	0.00	25	0	0.00	11	0	0.00			
	Drinking Water	250.	49	0	0.00	13	0	0.00	25	0	0.00	11	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	1000.	4	2	0.50	1	1	1.00	2	0	0.00	1	1	1.00			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	1000.	53	36	0.68	11	10	0.91	28	13	0.46	14	13	0.93			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	200.	53	28	0.53	11	10	0.91	28	7	0.25	14	11	0.79			
31615	FECAL COLIFORM, MPN	200.	4	2	0.50	1	1	1.00	2	0	0.00	1	1	1.00			
	Other-Hi Lim.																

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station GREE0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	11/16/73-12/12/77	3	7.	30.333	81.	3.	1929.333	43.924	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/73-12/01/80	3	2.7	2.333	3.	1.3	0.823	0.907	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	3	7.1	7.2	7.8	6.7	0.31	0.557	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	3	7.1	7.008	7.8	6.7	0.366	0.605	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	3	0.079	0.098	0.2	0.016	0.009	0.093	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	3	2.1	2.013	2.18	1.76	0.05	0.223	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	3	0.16	0.21	0.36	0.11	0.018	0.132	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	3	9300.	83866.667	240000.	2300.18295463333.333	135260.724	**	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	3	3.968	4.237	5.38	3.362	1.073	1.036	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			17250.725								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	3	430.	648.333	1500.	15.	587058.333	766.197	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	3	2.633	2.329	3.176	1.176	1.07	1.034	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			213.084								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GREE0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	11/16/73-12/12/77	14	9.	12.714	42.	2.	140.066	11.835	2.	3.	21.5	34.
00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/73-12/01/80	14	2.35	7.164	58.7	0.7	234.252	15.305	1.05	1.5	3.15	37.35
00403	PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	14	7.4	7.593	9.6	6.9	0.565	0.752	6.9	7.	8.075	8.95
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	14	7.389	7.273	9.6	6.9	0.675	0.822	6.9	7.	8.075	8.95
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	14	0.041	0.053	0.126	0.	0.002	0.046	0.003	0.009	0.1	0.126
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	14	1.66	1.674	2.91	0.55	0.565	0.751	0.685	1.02	2.398	2.805
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	14	0.145	0.227	0.6	0.09	0.027	0.166	0.095	0.12	0.285	0.57
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	13	9300.	18899.231	93000.	930.	675184391.026	25984.31	930.	1215.	24000.	74200.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	13	3.968	3.869	4.968	2.968	0.468	0.684	2.968	3.072	4.38	4.846
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			7398.556								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	13	230.	4405.538	43000.	15.	140844921.103	11867.81	15.	25.5	1615.	29520.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	13	2.362	2.472	4.633	1.176	1.19	1.091	1.176	1.366	3.165	4.367
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			296.2								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GREE0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	11/16/73-12/12/77	9	4.	5.667	14.	1.	21.25	4.61	1.	3.	9.	14.
00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/73-12/01/80	10	4.5	5.76	17.1	0.3	30.692	5.54	0.32	1.85	8.225	16.73
00403	PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	10	7.3	7.37	9.1	6.8	0.42	0.648	6.81	6.975	7.425	8.94
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	10	7.3	7.163	9.1	6.8	0.468	0.684	6.81	6.975	7.425	8.94
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	10	0.05	0.069	0.158	0.001	0.002	0.047	0.004	0.038	0.106	0.155
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	10	1.51	1.608	2.12	1.23	0.068	0.26	1.244	1.46	1.805	2.09
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	10	0.1	0.145	0.5	0.05	0.017	0.132	0.052	0.078	0.16	0.469
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	10	15750.	28180.	110000.	210.	1237883644.444	35183.571	212.	755.	46000.	103600.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	10	4.128	3.791	5.041	2.322	1.083	1.041	2.326	2.817	4.663	5.004
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			6174.264								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	10	330.	2270.1	15000.	15.	21707164.544	4659.095	16.5	34.5	2200.	13930.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	10	2.498	2.552	4.176	1.176	0.943	0.971	1.206	1.537	3.29	4.122
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			356.498								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GREE0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00075	TURBIDITY, HELLOGE (PPM AS SILICON DIOXIDE)	11/16/73-12/12/77	11	5.	9.909	54.	0.	241.691	15.546	0.2	1.	11.	46.8
00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/73-12/01/80	11	1.5	1.564	2.6	0.1	0.609	0.78	0.22	1.2	2.3	2.6
00403	PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	11	6.9	6.818	7.4	6.4	0.092	0.303	6.42	6.6	7.	7.34
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	11	6.9	6.732	7.4	6.4	0.1	0.316	6.42	6.6	7.	7.34
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	11	0.126	0.185	0.398	0.04	0.013	0.114	0.048	0.1	0.251	0.382
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	11	1.3	1.24	1.91	0.34	0.265	0.515	0.346	1.	1.61	1.9
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	9	0.11	0.203	0.92	0.	0.079	0.281	0.	0.045	0.23	0.92
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	9	4600.	10176.667	24000.	230.	118117725.	10868.198	230.	680.	24000.	24000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	9	3.663	3.577	4.38	2.362	0.617	0.785	2.362	2.801	4.38	4.38
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			3771.546								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	9	72.	1568.444	11000.	15.	13102789.528	3619.778	15.	36.	1415.	11000.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	9	1.857	2.191	4.041	1.176	0.93	0.964	1.176	1.556	3.007	4.041
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			155.137								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GREE0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00075	TURBIDITY, HELLOGE (PPM AS SILICON DIOXIDE)	11/16/73-12/12/77	9	5.	6.833	19.5	0.	46.75	6.837	0.	1.5	13.	19.5
00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/73-12/01/80	9	1.4	1.978	6.	1.	2.694	1.641	1.	1.	2.4	6.
00403	PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	9	6.7	6.733	7.1	6.2	0.087	0.296	6.2	6.55	7.	7.1
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	9	6.7	6.638	7.1	6.2	0.098	0.313	6.2	6.55	7.	7.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	9	0.2	0.23	0.631	0.079	0.032	0.178	0.079	0.103	0.299	0.631
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	9	1.4	1.409	2.1	0.5	0.212	0.461	0.5	1.15	1.7	2.1
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	9	0.04	0.043	0.11	0.	0.001	0.038	0.	0.015	0.07	0.11
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	9	9300.	16307.778	93000.	230.	886519819.444	29774.483	230.	355.	16650.	93000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	9	3.968	3.518	4.968	2.362	0.878	0.937	2.362	2.54	4.174	4.968
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			3298.611								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	9	150.	1838.889	11000.	4.	12644443.861	3555.903	4.	15.	2200.	11000.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	9	2.176	2.264	4.041	0.602	1.452	1.205	0.602	1.176	3.342	4.041
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			183.863								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GREE0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/73-12/01/80	5	2.	2.22	3.4	1.8	0.442	0.665	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	5	6.7	7.06	8.4	6.6	0.588	0.767	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	5	6.7	6.793	8.4	6.6	0.677	0.823	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	5	0.2	0.161	0.251	0.004	0.012	0.107	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	5	1.7	1.48	1.9	0.3	0.442	0.665	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	5 ##	0.	0.014	0.04	0.	0.	0.019	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	5	930.	7262.	24000.	150.	108564270.	10419.418	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	5	2.968	3.186	4.38	2.176	0.976	0.988	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1533.138								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	5	40.	584.	2100.	15.	817317.5	904.056	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	5	1.602	2.03	3.322	1.176	1.006	1.003	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			107.227								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GREE0046

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310 BOD, 5 DAY, 20 DEG C MG/L	11/16/73-12/01/80	4	2.8	2.75	3.6	1.8	0.57	0.755	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	4	6.65	6.85	7.7	6.4	0.35	0.592	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	4	6.625	6.651	7.7	6.4	0.403	0.635	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	4	0.237	0.223	0.398	0.02	0.028	0.168	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	4	1.35	1.375	1.8	1.	0.149	0.386	**	**	**	**
00650 PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	4	0.075	0.063	0.1	0.	0.002	0.043	**	**	**	**
31506 COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	4	3300.	3325.	4600.	2100.	1709166.667	1307.351	**	**	**	**
31506 LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	4	3.498	3.495	3.663	3.322	0.032	0.178	**	**	**	**
31506 GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			3126.391								
31614 FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	4	290.	275.	430.	90.	32633.333	180.647	**	**	**	**
31614 LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	4	2.405	2.349	2.633	1.954	0.116	0.34	**	**	**	**
31614 GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			223.521								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GREE0046

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310 BOD, 5 DAY, 20 DEG C MG/L	11/16/73-12/01/80	4	1.	1.	1.6	0.4	0.24	0.49	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	4	6.9	7.025	7.8	6.5	0.363	0.602	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	4	6.804	6.792	7.8	6.5	0.435	0.66	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	4	0.157	0.162	0.316	0.016	0.021	0.145	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	4	1.05	1.2	1.7	1.	0.113	0.337	**	**	**	**
00650 PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	2	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station GREE0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/16/73-12/01/80	9	23.	23.111	33.	16.	22.111	4.702	16.	20.	25.	33.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/16/73-12/01/80	10	26.	24.9	29.	14.	22.1	4.701	14.6	23.	28.25	29.
00032	CLOUD COVER (PERCENT)	11/16/73-12/01/80	12	37.5	39.583	100.	0.	1642.992	40.534	0.	0.	75.	100.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/73-12/01/80	14	195.	218.571	420.	140.	7112.264	84.334	147.5	159.5	241.75	390.
00300	OXYGEN, DISSOLVED MG/L	11/16/73-12/01/80	10	9.1	9.2	10.9	6.6	1.704	1.306	6.78	8.4	10.275	10.89
00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/73-12/01/80	14	2.4	8.379	58.7	0.7	237.928	15.425	0.7	1.6	8.5	37.9
00400	PH (STANDARD UNITS)	11/16/73-12/01/80	9	7.4	7.622	9.4	6.7	0.657	0.811	6.7	7.1	8.05	9.4
00400	CONVERTED PH (STANDARD UNITS)	11/16/73-12/01/80	9	7.4	7.242	9.4	6.7	0.82	0.905	6.7	7.1	8.05	9.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	9	0.04	0.057	0.2	0.	0.004	0.063	0.	0.009	0.079	0.2
00403	PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	14	7.4	7.607	9.6	6.5	0.779	0.883	6.7	6.9	7.95	9.35
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	14	7.389	7.153	9.6	6.5	1.001	1.001	6.7	6.9	7.95	9.35
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	14	0.041	0.07	0.316	0.	0.007	0.085	0.001	0.013	0.126	0.221
00500	RESIDUE, TOTAL (MG/L)	07/10/74-12/01/80	14	137.	158.929	346.	95.	4313.302	65.676	100.	113.	182.5	289.5
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	14	1.07	1.111	2.	0.3	0.263	0.512	0.32	0.74	1.468	1.91
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	13	0.12	0.202	0.92	0.	0.068	0.261	0.	0.09	0.17	0.792
00940	CHLORIDE, TOTAL IN WATER MG/L	07/10/74-12/01/80	13	17.	18.846	38.	2.	70.641	8.405	6.4	16.	23.	33.6
31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	11	24000.	31575.455	93000.	230.	1089898027.273	33013.604	644.	7500.	46000.	93000.
31506	LOG COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	11	4.38	4.153	4.968	2.362	0.574	0.758	2.562	3.875	4.663	4.968
31506	GM COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			14236.896								
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	11/16/73-12/03/79	11	930.	5605.091	43000.	36.	160503821.091	12669.01	100.8	430.	2300.	36260.
31614	LOG FECAL COLIFORM, MPN, TUBE CONFIGURATION	11/16/73-12/03/79	11	2.968	3.088	4.633	1.556	0.626	0.791	1.756	2.633	3.362	4.5
31614	GM FECAL COLIFORM, MPN, TUBE CONFIGURATION	GEOMETRIC MEAN =			1224.149								
74010	IRON, TOTAL (MG/L AS FE)	07/10/74-12/01/80	9	1.37	1.411	4.47	0.15	1.748	1.322	0.15	0.255	1.755	4.47

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station GREE0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/16/73-12/01/80	27	6.	5.037	17.	-1.	21.575	4.645	1.	2.	-1.	13.2
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/16/73-12/01/80	26	7.	4.115	18.	-4.	29.466	5.428	0.7	1.	-1.	12.8
00032	CLOUD COVER (PERCENT)	11/16/73-12/01/80	27	25.	44.444	100.	0.	1842.949	42.93	0.	0.	100.	100.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/73-12/01/80	29	185.	271.862	2500.	140.	185124.195	430.261	152.	165.	210.	250.
00300	OXYGEN, DISSOLVED MG/L	11/16/73-12/01/80	27	12.	11.944	14.8	8.6	1.718	1.311	10.24	11.2	12.8	13.52
00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/73-12/01/80	31	1.8	1.965	5.9	0.1	1.299	1.14	0.6	1.2	2.6	3.08
00400	PH (STANDARD UNITS)	11/16/73-12/01/80	27	6.8	6.844	8.6	6.	0.23	0.48	6.26	6.6	7.1	7.22
00400	CONVERTED PH (STANDARD UNITS)	11/16/73-12/01/80	27	6.8	6.655	8.6	6.	0.267	0.517	6.26	6.6	7.1	7.22
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	27	0.158	0.221	1.	0.003	0.051	0.225	0.061	0.079	0.251	0.56
00403	PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	31	6.8	6.894	8.3	6.2	0.211	0.46	6.4	6.6	7.	7.7
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	31	6.8	6.735	8.3	6.2	0.237	0.487	6.4	6.6	7.	7.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	31	0.158	0.184	0.631	0.005	0.019	0.137	0.023	0.1	0.251	0.398
00500	RESIDUE, TOTAL (MG/L)	07/10/74-12/01/80	25	123.	130.36	215.	86.	922.657	30.375	95.8	113.5	134.	180.8
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	31	1.7	1.645	2.7	0.55	0.202	0.449	1.036	1.3	1.91	2.168
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	28	0.09	0.124	0.54	0.	0.019	0.137	0.	0.04	0.155	0.374
00940	CHLORIDE, TOTAL IN WATER MG/L	07/10/74-12/01/80	25	20.	22.4	61.	5.	118.	10.863	12.4	17.	26.	37.4
31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	28	930.	12860.714	240000.	150.	2059848317.989	45385.552	228.	430.	8125.	14500.
31506	LOG COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	28	2.968	3.235	5.38	2.176	0.59	0.768	2.358	2.633	3.892	4.104
31506	GM COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1716.742								
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	11/16/73-12/03/79	28	36.	312.714	4300.	4.	714320.878	845.175	15.	15.	210.	987.
31614	LOG FECAL COLIFORM, MPN, TUBE CONFIGURATION	11/16/73-12/03/79	28	1.556	1.79	3.633	0.602	0.515	0.718	1.176	1.176	2.315	2.989
31614	GM FECAL COLIFORM, MPN, TUBE CONFIGURATION	GEOMETRIC MEAN =			61.613								
74010	IRON, TOTAL (MG/L AS FE)	07/10/74-12/01/80	25	0.61	1.	5.28	0.18	1.156	1.075	0.258	0.415	1.175	2.312

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GREE0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/16/73-12/01/80	10	17.	15.5	23.	7.	36.722	6.06	7.2	9.75	21.5	23.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/16/73-12/01/80	11	17.	17.818	42.	5.	125.764	11.214	5.2	7.	25.	38.6
00032	CLOUD COVER (PERCENT)	11/16/73-12/01/80	11	25.	45.455	100.	0.	2102.273	45.851	0.	0.	100.	100.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/73-12/01/80	13	175.	183.077	330.	140.	2510.577	50.106	144.	150.	195.	286.
00300	OXYGEN, DISSOLVED MG/L	11/16/73-12/01/80	10	10.55	10.44	12.2	8.7	1.103	1.05	8.75	9.65	11.25	12.12
00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/73-12/01/80	15	2.	3.187	13.4	0.3	11.133	3.337	0.72	1.3	3.4	9.26
00400	PH (STANDARD UNITS)	11/16/73-12/01/80	11	7.	6.955	7.8	5.9	0.249	0.499	5.98	6.9	7.2	7.7
00400	CONVERTED PH (STANDARD UNITS)	11/16/73-12/01/80	11	7.	6.643	7.8	5.9	0.355	0.596	5.98	6.9	7.2	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	11	0.1	0.227	1.259	0.016	0.134	0.366	0.023	0.063	0.126	1.107
00403	PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	15	7.1	7.187	8.3	6.5	0.206	0.453	6.56	7.	7.4	7.88
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	15	7.1	7.	8.3	6.5	0.243	0.493	6.56	7.	7.4	7.88
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	15	0.079	0.1	0.316	0.005	0.009	0.095	0.017	0.04	0.1	0.277
00500	RESIDUE, TOTAL (MG/L)	07/10/74-12/01/80	12	131.	141.25	286.	93.	2908.932	53.935	94.2	97.5	164.5	253.6
00630	NITRITE PLUS NITRATE, TOTAL I DET. (MG/L AS N)	11/16/73-12/01/80	15	1.5	1.535	2.91	0.37	0.375	0.613	0.748	1.1	1.86	2.592
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	15	0.08	0.124	0.39	0.	0.012	0.108	0.018	0.05	0.19	0.318
00940	CHLORIDE, TOTAL IN WATER MG/L	07/10/74-12/01/80	11	16.	15.818	23.	2.	27.564	5.25	4.4	15.	19.	22.4
31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	14	24000.	25687.857	110000.	930.	790625448.901	28118.063	2615.	6775.	29500.	78000.
31506	LOG COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	14	4.38	4.173	5.041	2.968	0.277	0.526	3.301	3.822	4.451	4.852
31506	GM COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			14882.863								
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	11/16/73-12/03/79	14	680.	3299.429	15000.	15.	25435007.495	5043.313	25.5	195.25	4550.	13000.
31614	LOG FECAL COLIFORM, MPN, TUBE CONFIGURATION	11/16/73-12/03/79	14	2.801	2.872	4.176	1.176	0.845	0.919	1.366	2.261	3.546	4.109
31614	GM FECAL COLIFORM, MPN, TUBE CONFIGURATION	GEOMETRIC MEAN =			744.435								
74010	IRON, TOTAL (MG/L AS FE)	07/10/74-12/01/80	9	0.73	0.848	2.49	0.11	0.544	0.738	0.11	0.24	1.165	2.49

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GREE0047

NPS Station ID: GREE0047
 Location: TRIB TO LTL PAINT ON PRETORIA DR
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02070010
 Major Basin: NORTH ATLANTIC
 Minor Basin: POTOMAC RIVER
 RF1 Index: 02070010
 RF3 Index: 02070010066400.00
 Description:

LAT/LON: 39.064170/ -76.952781

Depth of Water: 999
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 0.77

Agency: 21MDMONT
 FIPS State/County: 24031 MARYLAND/MONTGOMERY
 STORET Station ID(s): 59020
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 15.20
 Distance from RF3: 0.16

On/Off RF1:
 On/Off RF3:

STATION ESTABLISHED ON UNNAMED TRIBUTARY ALONG PRETORIA DRIVE 20 FEETE UP STREAM FROM CONFLUENCE WITH UNNAMED TRIBUTARY AT THE SOUTH-EAST CORNER OF FAIRLAND LANDFILL. THIS IS THE MAIN CHANNEL TO THE LEFT LOOKING UP STREAM FROM THE CONFLUENCE. ESTABLISHED OCTOBER 1973.

Parameter Inventory for Station: GREE0047

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/04/73-08/02/84	45	-1.	10.949	30.	-1.	81.818	9.045	1.6	4.5	20.	24.
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/04/73-08/02/84	46	-1.	12.233	42.	-4.	131.556	11.47	1.	5.	24.	28.
00032 CLOUD COVER (PERCENT)	12/04/73-08/02/84	49	25.	42.857	100.	0.	1796.875	42.39	0.	0.	100.	100.
00075 TURBIDITY, HELLOGE (PPM AS SILICON DIOXIDE)	11/16/73-12/12/77	46	4.	5.337	24.	0.	35.956	5.996	0.	1.	8.	13.7
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/16/78-12/01/80	13	2.2	3.662	12.	0.6	11.666	3.416	0.6	1.05	6.1	10.12
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/16/76-08/02/84	3	170.	178.333	200.	165.	358.333	18.93	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/73-12/01/80	58	170.	177.793	420.	120.	2110.307	45.938	137.8	150.	191.25	220.5
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/02/84-08/02/84	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	12/04/73-12/01/80	45	10.7	10.558	14.8	6.	3.867	1.966	8.1	9.	12.05	13.12
00301 OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/26/75-08/02/84	37	89.2	90.097	145.4	9.8	343.896	18.544	80.16	83.7	98.9	104.62
00310 BOD, 5 DAY, 20 DEG C MG/L	11/16/73-08/02/84	60	1.4	2.	17.4	0.	8.16	2.857	0.4	1.	2.	3.29
00335 COD, .025N K2CR2O7 MG/L	08/02/84-08/02/84	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	12/04/73-08/02/84	46	6.9	6.952	8.4	5.7	0.274	0.524	6.24	6.775	7.1	7.63
00400 CONVERTED PH (STANDARD UNITS)	12/04/73-08/02/84	46	6.9	6.652	8.4	5.7	0.366	0.605	6.24	6.775	7.1	7.63
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/04/73-08/02/84	46	0.126	0.223	1.995	0.004	0.131	0.362	0.024	0.079	0.169	0.589
00403 PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	60	6.9	6.932	8.4	6.1	0.192	0.439	6.4	6.7	7.2	7.5
00403 CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	60	6.9	6.755	8.4	6.1	0.224	0.473	6.4	6.7	7.2	7.5
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	60	0.126	0.176	0.794	0.004	0.025	0.159	0.032	0.063	0.2	0.398
00500 RESIDUE, TOTAL (MG/L)	11/16/73-08/02/84	60	109.5	115.15	306.	32.	1929.113	43.922	71.1	87.	131.	159.9
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/05/76-01/05/76	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	08/02/84-08/02/84	1	1.03	1.03	1.03	1.03	0.	0.	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL I DET. (MG/L AS N)	11/16/73-12/01/80	60	1.45	1.517	4.23	0.14	0.476	0.69	0.618	1.1	1.893	2.304
00650 PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	58	0.07	0.127	1.34	0.	0.039	0.198	0.	0.03	0.165	0.358
00940 CHLORIDE,TOTAL IN WATER MG/L	11/16/73-08/02/84	61	17.	18.197	35.	7.	27.727	5.266	13.	15.	21.	24.8
00945 SULFATE, TOTAL (MG/L AS SO4)	08/02/84-08/02/84	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01002 ARSENIC, TOTAL (UG/L AS AS)	08/02/84-08/02/84	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01007 BARIUM, TOTAL (UG/L AS BA)	08/02/84-08/02/84	1	71.	71.	71.	71.	0.	0.	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS CD)	11/16/73-08/02/84	51 ##	2.5	2.737	10.	0.	6.243	2.499	0.	0.	5.	5.
01034 CHROMIUM, TOTAL (UG/L AS CR)	03/07/77-08/02/84	21	5.	24.905	460.	0.	9949.19	99.746	0.	0.	5.	10.
01042 COPPER, TOTAL (UG/L AS CU)	11/16/73-12/01/80	50	0.	7.66	60.	0.	238.392	15.44	0.	0.	6.25	30.9
01051 LEAD, TOTAL (UG/L AS PB)	11/16/73-08/02/84	52 ##	5.	11.212	60.	0.	152.327	12.342	0.	0.	25.	25.
01067 NICKEL, TOTAL (UG/L AS NI)	12/01/80-12/01/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01075 SILVER, DISSOLVED (UG/L AS AG)	11/16/73-12/01/80	51 ##	5.	3.059	20.	0.	11.676	3.417	0.	0.	5.	5.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GREE0047

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01077 SILVER, TOTAL (UG/L AS AG)	08/02/84-08/02/84	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	11/16/73-12/01/80	51	20.	41.833	850.	0.	14320.317	119.668	0.	0.	40.	58.
01147 SELENIUM, TOTAL (UG/L AS SE)	08/02/84-08/02/84	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
31505 COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/21/80-12/01/80	4	4865.	5220.	11000.	150.	32901266.667	5735.963	**	**	**	**
31505 LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/21/80-12/01/80	4	3.301	3.205	4.041	2.176	0.889	0.943	**	**	**	**
31505 GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	GEOMETRIC MEAN =			1602.724								
31506 COLIFORM,TOT,MPN,CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	54	2300.	14392.796	460000.	91.	4006309824.128	63295.417	330.	1357.5	4600.	9300.
31506 LOG COLIFORM,TOT,MPN,CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	54	3.362	3.418	5.663	1.959	0.425	0.652	2.498	3.124	3.663	3.968
31506 GM COLIFORM,TOT,MPN,CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			2618.047								
31614 FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	54	91.	1444.444	43000.	15.	36563768.704	6046.798	15.	36.	430.	1615.
31614 LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	54	1.959	2.147	4.633	1.176	0.648	0.805	1.176	1.556	2.633	3.165
31614 GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			140.155								
31615 FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/21/80-12/01/80	4	133.	127.75	230.	15.	14013.583	118.379	**	**	**	**
31615 LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/21/80-12/01/80	4	1.959	1.864	2.362	1.176	0.354	0.595	**	**	**	**
31615 GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			73.108								
39300 P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	08/02/84-08/02/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39390 ENDRIN IN WHOLE WATER SAMPLE (UG/L)	08/02/84-08/02/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39400 TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	08/02/84-08/02/84	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39480 METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	08/02/84-08/02/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39516 PCBs IN WHOLE WATER SAMPLE (UG/L)	08/02/84-08/02/84	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39782 LINDANE IN WHOLE WATER SAMPLE (UG/L)	08/02/84-08/02/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/02/84-08/02/84	1	87.	87.	87.	87.	0.	0.	**	**	**	**
71886 PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/24/80-12/01/80	2	0.23	0.23	0.33	0.13	0.02	0.141	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	11/16/73-08/02/84	50 ##	0.1	0.709	23.	0.	10.48	3.237	0.05	0.05	0.325	0.79
74010 IRON, TOTAL (MG/L AS FE)	11/16/73-12/01/80	54	0.455	0.615	2.43	0.02	0.288	0.537	0.13	0.278	0.825	1.485

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GREE0047

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076 TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	13	0	0.00	3	0	0.00	7	0	0.00	3	0	0.00			
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	45	0	0.00	10	0	0.00	26	0	0.00	9	0	0.00			
00400 PH	Fresh Chronic	9.	46	0	0.00	10	0	0.00	26	0	0.00	10	0	0.00			
	Other-Lo Lim.	6.5	46	6	0.13	10	0	0.00	26	5	0.19	10	1	0.10			
00403 PH, LAB	Fresh Chronic	9.	60	0	0.00	14	0	0.00	31	0	0.00	15	0	0.00			
	Other-Lo Lim.	6.5	60	10	0.17	14	1	0.07	31	7	0.23	15	2	0.13			
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00630 NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	60	0	0.00	14	0	0.00	31	0	0.00	15	0	0.00			
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	61	0	0.00	15	0	0.00	31	0	0.00	15	0	0.00			
	Drinking Water	250.	61	0	0.00	15	0	0.00	31	0	0.00	15	0	0.00			
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
01002 ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00									
	Drinking Water	50.	1	0	0.00	1	0	0.00									
01007 BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01027 CADMIUM, TOTAL	Fresh Acute	3.9	29 &	1	0.03	8	1	0.13	14	0	0.00	7	0	0.00			
	Drinking Water	5.	29 &	1	0.03	8	1	0.13	14	0	0.00	7	0	0.00			
01034 CHROMIUM, TOTAL	Drinking Water	100.	21	1	0.05	5	0	0.00	11	1	0.09	5	0	0.00			
01042 COPPER, TOTAL	Fresh Acute	18.	48 &	7	0.15	11	2	0.18	24	2	0.08	13	3	0.23			
	Drinking Water	1300.	50	0	0.00	11	0	0.00	26	0	0.00	13	0	0.00			
01051 LEAD, TOTAL	Fresh Acute	82.	52	0	0.00	12	0	0.00	26	0	0.00	14	0	0.00			
	Drinking Water	15.	39 &	5	0.13	9	2	0.22	20	2	0.10	10	1	0.10			
01067 NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
	Drinking Water	100.	1	0	0.00				1	0	0.00						
01075 SILVER, DISSOLVED	Fresh Acute	4.1	27 &	2	0.07	7	1	0.14	14	1	0.07	6	0	0.00			
	Drinking Water	100.	51	0	0.00	11	0	0.00	26	0	0.00	14	0	0.00			
01077 SILVER, TOTAL	Fresh Acute	4.1	1	0	0.00	1	0	0.00									
	Drinking Water	100.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GREE0047

Parameter	Std. Type	Std. Value	Total		Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
			Obs				Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01092 ZINC, TOTAL	Fresh Acute	120.	51		3	0.06	11	2	0.18	26	1	0.04	14	0	0.00			
	Drinking Water	5000.	51		0	0.00	11	0	0.00	26	0	0.00	14	0	0.00			
01147 SELENIUM, TOTAL	Fresh Acute	20.	1		0	0.00	1	0	0.00									
	Drinking Water	50.	1		0	0.00	1	0	0.00									
31505 COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	4		2	0.50	1	1	1.00	2	0	0.00	1	1	1.00			
31506 COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	54		41	0.76	11	10	0.91	29	19	0.66	14	12	0.86			
31614 FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	54		22	0.41	11	8	0.73	29	7	0.24	14	7	0.50			
31615 FECAL COLIFORM, MPN	Other-Hi Lim.	200.	4		2	0.50	1	1	1.00	2	0	0.00	1	1	1.00			
39300 P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1		0	0.00	1	0	0.00									
39390 ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	1		0	0.00	1	0	0.00									
39400 TOXAPHENE IN WHOLE WATER SAMPLE	Drinking Water	2.	1		0	0.00	1	0	0.00									
	Fresh Acute	0.73	1		0	0.00	1	0	0.00									
39480 METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	3.	1		0	0.00	1	0	0.00									
39782 LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	1		0	0.00	1	0	0.00									
71900 MERCURY, TOTAL	Drinking Water	0.2	1		0	0.00	1	0	0.00									
	Fresh Acute	2.4	50		1	0.02	12	1	0.08	26	0	0.00	12	0	0.00			
	Drinking Water	2.	50		1	0.02	12	1	0.08	26	0	0.00	12	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station GREE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00075	TURBIDITY, HELLOGE (PPM AS SILICON DIOXIDE)	11/16/73-12/12/77	3	1.	7.333	21.	0.	140.333	11.846	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/73-12/01/80	3	165.	168.	195.	144.	657.	25.632	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	3	7.2	7.067	7.2	6.8	0.053	0.231	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	3	7.2	7.023	7.2	6.8	0.056	0.237	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	3	0.063	0.095	0.158	0.063	0.003	0.055	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	11/16/73-08/02/84	3	65.	88.333	148.	52.	2712.333	52.08	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	3	1.9	1.903	2.71	1.1	0.648	0.805	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	3	0.19	0.197	0.35	0.05	0.023	0.15	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/16/73-08/02/84	3	20.	22.333	33.	14.	94.333	9.713	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	3	2300.	32076.667	93000.	930.	2784208633.333	52765.601	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	3	3.362	3.766	4.968	2.968	1.123	1.06	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			5837.558								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	3	430.	298.667	430.	36.	51745.333	227.476	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	3	2.633	2.274	2.633	1.556	0.387	0.622	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			188.111								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GREE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	11/16/73-12/12/77	14	4.	7.214	24.	0.	69.874	8.359	0.	0.75	12.5	22.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/73-12/01/80	14	177.5	199.357	420.	134.	6080.709	77.979	140.	148.	208.75	365.
00403	PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	14	7.15	7.293	8.	7.	0.11	0.332	7.	7.	7.525	7.9
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	14	7.147	7.2	8.	7.	0.119	0.345	7.	7.	7.525	7.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	14	0.071	0.063	0.1	0.01	0.001	0.035	0.013	0.03	0.1	0.1
00500	RESIDUE, TOTAL (MG/L)	11/16/73-08/02/84	13	125.	141.231	306.	72.	4351.859	65.969	76.4	95.5	156.	280.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	14	1.515	1.814	4.23	0.45	0.994	0.997	0.72	1.115	2.425	3.65
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	14	0.18	0.294	1.34	0.07	0.106	0.326	0.085	0.128	0.43	0.885
00940	CHLORIDE,TOTAL IN WATER MG/L	11/16/73-08/02/84	14	18.	17.357	26.	7.	23.17	4.814	10.	13.	21.	23.5
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	14	2300.	37370.714	460000.	430.14816398514.835	121722.629	680.	1357.5	9300.	237500.	
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	14	3.362	3.627	5.663	2.633	0.555	0.745	2.801	3.124	3.968	4.919
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			4233.147								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	14	120.5	4083.929	43000.	15.	131470023.148	11466.038	15.	30.75	1272.5	26150.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	14	2.068	2.378	4.633	1.176	1.15	1.073	1.176	1.461	3.067	4.301
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			239.035								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GREE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	11/16/73-12/12/77	9	1.	2.778	8.	0.	9.944	3.153	0.	0.	6.	8.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/73-12/01/80	10	176.	177.2	205.	140.	348.4	18.665	142.5	168.75	192.5	204.5
00403	PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	10	7.1	7.11	7.5	6.7	0.094	0.307	6.71	6.8	7.425	7.5
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	10	7.089	7.018	7.5	6.7	0.104	0.322	6.71	6.8	7.425	7.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	10	0.082	0.096	0.2	0.032	0.004	0.062	0.032	0.038	0.158	0.195
00500	RESIDUE, TOTAL (MG/L)	11/16/73-08/02/84	10	94.	103.	161.	57.	1052.222	32.438	59.	78.5	128.25	158.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	10	1.81	1.7	2.16	1.04	0.131	0.362	1.05	1.455	1.94	2.144
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	10	0.095	0.132	0.44	0.03	0.014	0.118	0.032	0.065	0.165	0.414
00940	CHLORIDE,TOTAL IN WATER MG/L	11/16/73-08/02/84	10	15.5	15.7	22.	12.	6.456	2.541	12.2	14.75	16.	21.4
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	10	4300.	7774.	46000.	210.	186989804.444	13674.422	232.	1832.5	5550.	42330.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	10	3.633	3.484	4.663	2.322	0.424	0.651	2.353	3.18	3.717	4.593
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			3050.885								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	10	290.	694.	4300.	15.	1681984.	1296.913	20.8	86.5	555.	3963.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GREE0047

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31614 LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	10	2.405	2.364	3.633	1.176	0.469	0.685	1.245	1.935	2.717	3.567
31614 GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			230.991								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GREE0047

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00075 TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	11/16/73-12/12/77	11	4.	4.	9.	0.	10.4	3.225	0.	1.	8.	8.8
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/73-12/01/80	9	165.	163.333	180.	138.	170.	13.038	138.	154.5	173.5	180.
00403 PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	11	6.8	6.773	7.1	6.4	0.05	0.224	6.42	6.5	6.9	7.08
00403 CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	11	6.8	6.718	7.1	6.4	0.053	0.231	6.42	6.5	6.9	7.08
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	11	0.158	0.191	0.398	0.079	0.011	0.105	0.084	0.126	0.316	0.382
00500 RESIDUE, TOTAL (MG/L)	11/16/73-08/02/84	11	107.	101.636	131.	67.	491.855	22.178	67.8	81.	121.	130.4
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	11	1.34	1.309	2.43	0.14	0.299	0.547	0.268	1.26	1.48	2.242
00650 PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	11	0.03	0.045	0.19	0.	0.003	0.057	0.	0.	0.08	0.17
00940 CHLORIDE,TOTAL IN WATER MG/L	11/16/73-08/02/84	11	16.	16.182	20.	12.	5.564	2.359	12.4	14.	18.	19.8
31506 COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	9	1500.	1985.556	4600.	210.	2769852.778	1664.287	210.	480.	3500.	4600.
31506 LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	9	3.176	3.1	3.663	2.322	0.254	0.504	2.322	2.599	3.521	3.663
31506 GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1258.806								
31614 FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	9	36.	118.222	430.	15.	28006.944	167.353	15.	15.	240.5	430.
31614 LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	9	1.556	1.709	2.633	1.176	0.327	0.572	1.176	1.176	2.275	2.633
31614 GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			51.165								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GREE0047

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00075 TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	11/16/73-12/12/77	9	7.	5.944	11.	0.	12.778	3.575	0.	2.75	8.5	11.
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/73-12/01/80	9	170.	168.	225.	128.	946.75	30.769	128.	142.	187.5	225.
00403 PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	9	6.7	6.611	7.	6.2	0.076	0.276	6.2	6.3	6.8	7.
00403 CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	9	6.7	6.531	7.	6.2	0.083	0.289	6.2	6.3	6.8	7.
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	9	0.2	0.294	0.631	0.1	0.038	0.194	0.1	0.158	0.501	0.631
00500 RESIDUE, TOTAL (MG/L)	11/16/73-08/02/84	9	107.	116.	203.	83.	1520.75	38.997	83.	87.5	134.5	203.
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	9	1.43	1.256	2.	0.3	0.287	0.536	0.3	0.8	1.6	2.
00650 PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	9	0.04	0.04	0.07	0.	0.001	0.027	0.	0.015	0.07	0.07
00940 CHLORIDE,TOTAL IN WATER MG/L	11/16/73-08/02/84	9	20.	20.	32.	11.	38.75	6.225	11.	15.	23.5	32.
31506 COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	9	2300.	3673.333	9300.	230.	9560925.	3092.075	230.	1215.	6050.	9300.
31506 LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	9	3.362	3.373	3.968	2.362	0.25	0.5	2.362	3.072	3.769	3.968
31506 GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			2361.873								
31614 FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	9	150.	1168.667	9300.	15.	9315282.75	3052.095	15.	36.	330.	9300.
31614 LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	9	2.176	2.194	3.968	1.176	0.663	0.814	1.176	1.556	2.498	3.968
31614 GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			156.444								

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Annual Analysis for 1978 - Station GREE0047

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/73-12/01/80	5	195.	197.4	255.	150.	2346.3	48.439	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	5	6.6	6.98	8.4	6.6	0.632	0.795	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	5	6.6	6.718	8.4	6.6	0.718	0.847	**	**	**	**

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Annual Analysis for 1978 - Station GREE0047

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	5	0.251	0.191	0.251	0.004	0.011	0.107	**	**	**	**
00500 RESIDUE, TOTAL (MG/L)	11/16/73-08/02/84	5	120.	107.	148.	32.	1979.	44.486	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	5	1.8	1.36	1.9	0.3	0.528	0.727	**	**	**	**
00650 PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	5 ##	0.	0.006	0.03	0.	0.	0.013	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	11/16/73-08/02/84	5	24.	23.8	35.	15.	66.7	8.167	**	**	**	**
31506 COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	5	1500.	1804.2	4600.	91.	3271873.2	1808.832	**	**	**	**
31506 LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	5	3.176	2.962	3.663	1.959	0.456	0.676	**	**	**	**
31506 GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			916.883								
31614 FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	5 ##	15.	141.	430.	15.	34767.5	186.46	**	**	**	**
31614 LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	5 ##	1.176	1.705	2.633	1.176	0.533	0.73	**	**	**	**
31614 GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			50.663								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GREE0047

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/73-12/01/80	4	153.	149.	170.	120.	630.667	25.113	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	4	6.4	6.375	6.6	6.1	0.049	0.222	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	4	6.389	6.332	6.6	6.1	0.052	0.227	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	4	0.409	0.466	0.794	0.251	0.059	0.243	**	**	**	**
00500 RESIDUE, TOTAL (MG/L)	11/16/73-08/02/84	4	110.5	112.5	131.	98.	200.333	14.154	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	4	1.3	1.275	2.	0.5	0.436	0.66	**	**	**	**
00650 PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	4	0.055	0.073	0.18	0.	0.006	0.077	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	11/16/73-08/02/84	4	18.	18.5	23.	15.	11.667	3.416	**	**	**	**
31506 COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	4	4250.	5025.	9300.	2300.	9049166.667	3008.183	**	**	**	**
31506 LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	4	3.627	3.646	3.968	3.362	0.063	0.25	**	**	**	**
31506 GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			4425.968								
31614 FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	4	91.	175.5	430.	90.	28787.	169.667	**	**	**	**
31614 LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	4	1.959	2.126	2.633	1.954	0.114	0.338	**	**	**	**
31614 GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			133.798								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GREE0047

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/73-12/01/80	4	172.5	170.	195.	140.	516.667	22.73	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	4	6.7	6.775	7.3	6.4	0.142	0.377	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	4	6.7	6.674	7.3	6.4	0.156	0.395	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	4	0.2	0.212	0.398	0.05	0.02	0.143	**	**	**	**
00500 RESIDUE, TOTAL (MG/L)	11/16/73-08/02/84	4	113.	111.	131.	87.	338.667	18.403	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	4	1.25	1.325	1.8	1.	0.129	0.359	**	**	**	**
00650 PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	2	0.075	0.075	0.11	0.04	0.002	0.049	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	11/16/73-08/02/84	4	19.5	20.	25.	16.	14.	3.742	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GREE0047

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00500 RESIDUE, TOTAL (MG/L)	11/16/73-08/02/84	1	187.	187.	187.	187.	0.	0.	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	11/16/73-08/02/84	1	12.	12.	12.	12.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station GREE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/04/73-08/02/84	10	23.	22.47	30.	14.	17.942	4.236	14.6	20.	24.5	29.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/04/73-08/02/84	11	26.	24.7	29.	14.	20.33	4.509	15.2	22.7	28.	29.
00032	CLOUD COVER (PERCENT)	12/04/73-08/02/84	13	50.	44.231	100.	0.	1786.859	42.271	0.	0.	87.5	100.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/73-12/01/80	14	185.	202.786	420.	128.	5884.335	76.709	132.	161.25	208.75	365.
00300	OXYGEN, DISSOLVED MG/L	12/04/73-12/01/80	10	8.3	8.35	11.2	6.	1.834	1.354	6.12	7.65	9.05	11.
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/26/75-08/02/84	10	88.25	86.27	145.4	9.8	1092.545	33.054	16.14	81.6	96.9	140.64
00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/73-08/02/84	14	1.65	3.5	17.4	0.	31.048	5.572	0.1	0.475	2.55	16.45
00400	PH (STANDARD UNITS)	12/04/73-08/02/84	10	7.25	7.34	8.4	6.8	0.229	0.479	6.8	6.95	7.625	8.33
00400	CONVERTED PH (STANDARD UNITS)	12/04/73-08/02/84	10	7.247	7.166	8.4	6.8	0.263	0.513	6.8	6.95	7.625	8.33
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/04/73-08/02/84	10	0.057	0.068	0.158	0.004	0.003	0.055	0.006	0.024	0.115	0.158
00403	PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	14	7.15	7.207	8.4	6.5	0.271	0.521	6.6	6.8	7.425	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	14	7.147	6.997	8.4	6.5	0.319	0.565	6.6	6.8	7.425	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	14	0.071	0.101	0.316	0.004	0.008	0.088	0.007	0.038	0.158	0.258
00500	RESIDUE, TOTAL (MG/L)	11/16/73-08/02/84	15	121.	139.6	306.	32.	4326.971	65.78	67.4	101.	161.	267.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	14	1.085	1.039	1.92	0.14	0.309	0.556	0.22	0.45	1.355	1.895
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	13	0.12	0.124	0.43	0.	0.014	0.117	0.	0.015	0.185	0.334
00940	CHLORIDE,TOTAL IN WATER MG/L	11/16/73-08/02/84	15	16.	15.267	21.	7.	11.781	3.432	9.4	14.	17.	19.8
01027	CADMIUM, TOTAL (UG/L AS CD)	11/16/73-08/02/84	12 ##	2.5	2.925	10.	0.	9.986	3.16	0.	0.	5.	8.5
01042	COPPER, TOTAL (UG/L AS CU)	11/16/73-12/01/80	11	0.	10.	60.	0.	360.	18.974	0.	0.	10.	54.
01051	LEAD, TOTAL (UG/L AS PB)	11/16/73-08/02/84	12 ##	5.	11.333	25.	0.	112.242	10.594	0.	2.	23.75	25.
01075	SILVER, DISSOLVED (UG/L AS AG)	11/16/73-12/01/80	11 ##	2.5	4.091	20.	0.	32.841	5.731	0.	0.	5.	17.
01092	ZINC, TOTAL (UG/L AS ZN)	11/16/73-12/01/80	11	30.	50.	160.	0.	2620.	51.186	2.	10.	90.	152.
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	11	7500.	47993.636	460000.	430.18687697445.455	136702.953	1124.	4300.	9300.	371000.	
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	11	3.875	3.889	5.663	2.633	0.509	0.714	2.825	3.633	3.968	5.365
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			7735.848								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	11	430.	6021.273	43000.	73.	162978073.218	12766.287	76.6	150.	9300.	36260.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	11	2.633	2.957	4.633	1.863	0.839	0.916	1.882	2.176	3.968	4.5
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			905.878								
71900	MERCURY, TOTAL (UG/L AS HG)	11/16/73-08/02/84	12	0.2	2.117	23.	0.05	43.281	6.579	0.05	0.1	0.45	16.28
74010	IRON, TOTAL (MG/L AS FE)	11/16/73-12/01/80	10	0.7	1.033	2.43	0.13	0.71	0.842	0.146	0.335	1.78	2.416

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station GREE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/04/73-08/02/84	26	5.5	4.615	17.	-1.	19.526	4.419	1.	2.	9.	3.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/04/73-08/02/84	25	7.	4.	18.	-4.	29.833	5.462	0.6	1.5	-1.	13.4
00032	CLOUD COVER (PERCENT)	12/04/73-08/02/84	26	25.	43.269	100.	0.	1877.885	43.335	0.	0.	100.	100.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/73-12/01/80	29	172.	177.517	255.	134.	816.259	28.57	140.	160.	195.	225.
00300	OXYGEN, DISSOLVED MG/L	12/04/73-12/01/80	26	11.8	11.765	14.8	8.7	1.967	1.403	9.58	10.85	12.45	13.64
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/26/75-08/02/84	21	89.2	90.567	106.3	80.2	75.377	8.682	80.8	83.2	100.	103.68
00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/73-08/02/84	31	1.4	1.655	3.9	0.4	0.691	0.831	0.82	1.1	2.	3.14
00400	PH (STANDARD UNITS)	12/04/73-08/02/84	26	6.8	6.785	8.4	5.9	0.212	0.46	6.07	6.7	7.	7.03
00400	CONVERTED PH (STANDARD UNITS)	12/04/73-08/02/84	26	6.8	6.583	8.4	5.9	0.254	0.504	6.07	6.7	7.	7.03
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/04/73-08/02/84	26	0.158	0.261	1.259	0.004	0.091	0.302	0.094	0.1	0.2	0.856
00403	PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	31	6.7	6.771	7.6	6.2	0.107	0.328	6.3	6.6	7.	7.2
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	31	6.7	6.663	7.6	6.2	0.12	0.346	6.3	6.6	7.	7.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	31	0.2	0.217	0.631	0.025	0.024	0.154	0.063	0.1	0.251	0.501
00500	RESIDUE, TOTAL (MG/L)	11/16/73-08/02/84	31	110.	110.871	203.	52.	1032.383	32.131	72.2	87.	128.	149.6
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	31	1.69	1.702	3.07	0.45	0.284	0.533	1.106	1.34	1.9	2.654
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	30	0.06	0.113	0.44	0.	0.018	0.134	0.	0.03	0.18	0.422
00940	CHLORIDE, TOTAL IN WATER MG/L	11/16/73-08/02/84	31	20.	20.419	35.	12.	34.652	5.887	13.	16.	23.	31.2
01027	CADMIUM, TOTAL (UG/L AS CD)	11/16/73-08/02/84	25 ##	2.5	2.6	5.	0.	5.396	2.323	0.	0.	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	11/16/73-12/01/80	26	0.	7.192	50.	0.	251.362	15.854	0.	0.	2.75	43.
01051	LEAD, TOTAL (UG/L AS PB)	11/16/73-08/02/84	26 ##	5.	9.885	27.	0.	107.546	10.37	0.	0.	25.	25.
01075	SILVER, DISSOLVED (UG/L AS AG)	11/16/73-12/01/80	26 ##	3.75	2.635	6.	0.	6.471	2.544	0.	0.	5.	5.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station GREE0047

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01092 ZINC, TOTAL (UG/L AS ZN)	11/16/73-12/01/80	26	10.	50.385	850.	0.	27002.246	164.324	0.	0.	50.	50.
31506 COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	29	2100.	6860.034	93000.	91.	344918723.606	18571.988	210.	930.	3300.	9300.
31506 LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	29	3.322	3.252	4.968	1.959	0.409	0.64	2.322	2.968	3.498	3.968
31506 GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1785.44								
31614 FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	29	72.	268.31	4300.	15.	623099.65	789.367	15.	15.	190.	430.
31614 LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	29	1.857	1.844	3.633	1.176	0.401	0.633	1.176	1.176	2.269	2.633
31614 GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			69.881								
71900 MERCURY, TOTAL (UG/L AS HG)	11/16/73-08/02/84	26 ##	0.1	0.362	1.8	0.05	0.214	0.463	0.05	0.05	0.55	1.08
74010 IRON, TOTAL (MG/L AS FE)	11/16/73-12/01/80	31	0.46	0.576	1.93	0.02	0.183	0.428	0.148	0.28	0.74	1.068

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GREE0047

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/04/73-08/02/84	9	18.	16.444	24.	7.	38.528	6.207	7.	10.	22.	24.
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/04/73-08/02/84	10	20.	19.1	42.	5.	124.989	11.18	5.1	7.5	25.	40.3
00032 CLOUD COVER (PERCENT)	12/04/73-08/02/84	10	25.	40.	100.	0.	1972.222	44.41	0.	0.	100.	100.
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/73-12/01/80	15	150.	155.	180.	120.	314.	17.72	128.4	146.	170.	180.
00300 OXYGEN, DISSOLVED MG/L	12/04/73-12/01/80	9	9.3	9.522	11.	8.1	1.017	1.008	8.1	8.65	10.5	11.
00301 OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/26/75-08/02/84	6	91.45	94.833	115.8	80.	150.827	12.281	**	**	**	**
00310 BOD, 5 DAY, 20 DEG C MG/L	11/16/73-08/02/84	15	1.1	1.313	4.1	0.	1.058	1.029	0.24	0.4	1.6	3.08
00400 PH (STANDARD UNITS)	12/04/73-08/02/84	10	7.05	7.	7.9	5.7	0.302	0.55	5.82	6.9	7.175	7.85
00400 CONVERTED PH (STANDARD UNITS)	12/04/73-08/02/84	10	7.047	6.559	7.9	5.7	0.519	0.72	5.82	6.9	7.175	7.85
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/04/73-08/02/84	10	0.09	0.276	1.995	0.013	0.366	0.605	0.015	0.07	0.126	1.808
00403 PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	15	7.	7.007	7.8	6.1	0.189	0.435	6.34	6.7	7.3	7.62
00403 CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	15	7.	6.796	7.8	6.1	0.237	0.486	6.34	6.7	7.3	7.62
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	15	0.1	0.16	0.794	0.016	0.038	0.195	0.025	0.05	0.2	0.507
00500 RESIDUE, TOTAL (MG/L)	11/16/73-08/02/84	14	95.5	98.429	131.	57.	678.418	26.046	62.	78.75	125.25	131.
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	15	1.4	1.58	4.23	0.6	0.802	0.896	0.708	1.	2.	3.084
00650 PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	15	0.07	0.157	1.34	0.	0.11	0.331	0.	0.04	0.11	0.644
00940 CHLORIDE, TOTAL IN WATER MG/L	11/16/73-08/02/84	15	16.	16.533	25.	12.	9.695	3.114	13.2	15.	18.	22.6
01027 CADMIUM, TOTAL (UG/L AS CD)	11/16/73-08/02/84	14 ##	3.75	2.821	5.	0.	5.523	2.35	0.	0.	5.	5.
01042 COPPER, TOTAL (UG/L AS CU)	11/16/73-12/01/80	13	0.	6.615	31.	0.	143.09	11.962	0.	0.	12.5	30.6
01051 LEAD, TOTAL (UG/L AS PB)	11/16/73-08/02/84	14 ##	5.	13.571	60.	0.	286.264	16.919	0.	0.	25.	42.5
01075 SILVER, DISSOLVED (UG/L AS AG)	11/16/73-12/01/80	14 ##	5.	3.036	5.	0.	5.941	2.437	0.	0.	5.	5.
01092 ZINC, TOTAL (UG/L AS ZN)	11/16/73-12/01/80	14	20.	19.536	60.	0.	397.249	19.931	0.	0.	40.	50.
31506 COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	14	2400.	3595.714	9300.	210.	7917749.451	2813.85	320.	1950.	4600.	9300.
31506 LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	14	3.38	3.393	3.968	2.322	0.209	0.457	2.478	3.286	3.663	3.968
31506 GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			2469.524								
31614 FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	14	160.5	284.643	930.	15.	98760.247	314.261	15.	36.	430.	930.
31614 LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	14	2.16	2.136	2.968	1.176	0.372	0.61	1.176	1.556	2.633	2.968
31614 GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			136.745								
71900 MERCURY, TOTAL (UG/L AS HG)	11/16/73-08/02/84	12 ##	0.05	0.054	0.1	0.	0.001	0.033	0.	0.05	0.088	0.1
74010 IRON, TOTAL (MG/L AS FE)	11/16/73-12/01/80	13	0.3	0.387	0.87	0.08	0.077	0.278	0.1	0.165	0.645	0.87

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GREE0048

NPS Station ID: GREE0048
 Location: DRY CK BED TO UNK TRIB TO LTL PT
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02070010
 Major Basin: NORTH ATLANTIC
 Minor Basin: POTOMAC RIVER
 RF1 Index: 02070010
 RF3 Index: 02070010066400.00
 Description:

LAT/LON: 39.066670/ -76.952781

Depth of Water: 999
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 0.97

Agency: 21MDMONT
 FIPS State/County: 24031 MARYLAND/MONTGOMERY
 STORET Station ID(s): 59040
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 8.30
 Distance from RF3: 0.28

On/Off RF1:
 On/Off RF3:

STATION ESTABLISHED 50 FEET UP A DRY CREEK BED FROM THE CONFLUENCE WITH A UNNAMED TRIBUTARY FLOWING TO THE SOUTH-EAST CORNER OF THE FAIRLAND LANDFILL WHERE IT JOINS WITH THE UNNAMED TRIBUTARY FLOWING INTO LITTLE PAINT. ESTABLISHED OCTOBER 1973.

Parameter Inventory for Station: GREE0048

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/21/73-12/01/80	30	5.	7.033	23.	0.	43.068	6.563	0.	2.	10.	19.9
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/16/73-12/01/80	41	9.	11.512	42.	-4.	124.656	11.165	0.2	4.5	21.	27.6
00032 CLOUD COVER (PERCENT)	11/16/73-12/01/80	44	25.	43.182	100.	0.	1667.548	40.836	0.	0.	75.	100.
00075 TURBIDITY, HELLOG (PPM AS SILICON DIOXIDE)	12/21/73-11/28/77	25	17.	28.68	150.	1.	1149.143	33.899	2.6	5.5	41.	72.4
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/16/78-12/01/80	9	16.	25.233	125.	1.5	1470.99	38.353	1.5	3.3	23.	125.
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/76-12/14/76	1	650.	650.	650.	650.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/21/73-12/01/80	34	220.	315.353	800.	110.	47720.417	218.45	126.	167.5	385.	745.
00300 OXYGEN, DISSOLVED MG/L	12/21/73-12/01/80	30	8.25	7.707	12.5	0.4	13.015	3.608	2.1	5.95	11.	11.94
00301 OXYGEN, DISSOLVED, PERCENT OF SATURATION %	11/10/75-12/01/80	25	68.8	58.104	88.5	3.6	734.71	27.106	12.26	37.1	80.4	85.62
00310 BOD, 5 DAY, 20 DEG C MG/L	12/21/73-12/01/80	35	2.	5.763	62.	0.2	133.305	11.546	0.56	1.	4.4	14.76
00400 PH (STANDARD UNITS)	12/21/73-12/01/80	30	6.55	6.527	7.2	5.6	0.154	0.392	6.01	6.3	6.9	7.
00400 CONVERTED PH (STANDARD UNITS)	12/21/73-12/01/80	30	6.547	6.339	7.2	5.6	0.19	0.436	6.01	6.3	6.9	7.
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/21/73-12/01/80	30	0.284	0.458	2.512	0.063	0.293	0.542	0.1	0.126	0.501	0.979
00403 PH, LAB, STANDARD UNITS SU	12/21/73-12/01/80	35	6.5	6.514	7.1	6.1	0.044	0.209	6.2	6.4	6.6	6.8
00403 CONVERTED PH, LAB, STANDARD UNITS	12/21/73-12/01/80	35	6.5	6.468	7.1	6.1	0.046	0.214	6.2	6.4	6.6	6.8
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/21/73-12/01/80	35	0.316	0.341	0.794	0.079	0.026	0.161	0.158	0.251	0.398	0.631
00500 RESIDUE, TOTAL (MG/L)	09/04/74-12/01/80	30	184.	261.1	635.	101.	30853.679	175.652	115.2	138.	345.25	619.
00630 NITRITE PLUS NITRATE, TOTAL I DET. (MG/L AS N)	12/21/73-12/01/80	35	0.59	0.689	2.2	0.	0.404	0.635	0.	0.1	1.18	1.628
00650 PHOSPHATE, TOTAL (MG/L AS PO4)	12/21/73-04/15/80	32	0.105	0.166	0.61	0.	0.023	0.152	0.03	0.073	0.238	0.417
00940 CHLORIDE,TOTAL IN WATER MG/L	09/04/74-12/01/80	29	22.	42.828	191.	5.	2313.576	48.1	9.	13.	51.	139.
01027 CADMIUM, TOTAL (UG/L AS CD)	12/18/74-12/18/74	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	12/18/74-12/18/74	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01051 LEAD, TOTAL (UG/L AS PB)	12/18/74-12/18/74	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01075 SILVER, DISSOLVED (UG/L AS AG)	12/18/74-12/18/74	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	12/18/74-12/18/74	1	160.	160.	160.	160.	0.	0.	**	**	**	**
31505 COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/21/80-12/01/80	4	1365.	3490.	11000.	230.	25935800.	5092.72	**	**	**	**
31505 LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/21/80-12/01/80	4	2.998	3.1	4.041	2.362	0.572	0.757	**	**	**	**
31505 GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	GEOMETRIC MEAN =			1257.706								
31506 COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/21/73-12/03/79	30	2300.	9418.	93000.	210.	346036216.552	18602.049	230.	430.	9300.	24000.
31506 LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/21/73-12/03/79	30	3.362	3.379	4.968	2.322	0.575	0.758	2.362	2.633	3.968	4.38
31506 GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			2392.33								
31614 FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/21/73-12/03/79	30	72.5	586.733	4600.	15.	1454069.168	1205.848	15.	15.	430.	2300.
31614 LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/21/73-12/03/79	30	1.86	1.986	3.663	1.176	0.7	0.837	1.176	1.176	2.633	3.362

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GREE0048

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =		96.864								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/21/80-12/01/80	4 ##	122.5	230.	15.	15408.333	124.13	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/21/80-12/01/80	4 ##	1.769	2.362	1.176	0.469	0.685	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =		58.737								
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/24/80-12/01/80	2	0.39	0.41	0.37	0.001	0.028	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	12/18/74-12/18/74	1 ##	0.25	0.25	0.25	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	09/04/74-12/01/80	28	1.34	6.635	55.5	0.11	153.734	0.525	0.835	4.8	25.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GREE0048

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	9	1	0.11	1	0	0.00	6	1	0.17	2	0	0.00		
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	30	6	0.20	4	1	0.25	21	4	0.19	5	1	0.20		
00400	PH	Fresh Chronic	9.	30	0	0.00	4	0	0.00	21	0	0.00	5	0	0.00		
		Other-Lo Lim.	6.5	30	15	0.50	4	3	0.75	21	10	0.48	5	2	0.40		
00403	PH, LAB	Fresh Chronic	9.	35	0	0.00	5	0	0.00	23	0	0.00	7	0	0.00		
		Other-Lo Lim.	6.5	35	20	0.57	5	1	0.20	23	17	0.74	7	2	0.29		
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	35	0	0.00	5	0	0.00	23	0	0.00	7	0	0.00		
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	29	0	0.00	4	0	0.00	19	0	0.00	6	0	0.00		
		Drinking Water	250.	29	0	0.00	4	0	0.00	19	0	0.00	6	0	0.00		
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00											
		Drinking Water	5.	0 &	0	0.00											
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00				1	1	1.00					
		Drinking Water	1300.	1	0	0.00				1	0	0.00					
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00				1	0	0.00					
		Drinking Water	15.	0 &	0	0.00											
01075	SILVER, DISSOLVED	Fresh Acute	4.1	0 &	0	0.00											
		Drinking Water	100.	1	0	0.00				1	0	0.00					
01092	ZINC, TOTAL	Fresh Acute	120.	1	1	1.00				1	1	1.00					
		Drinking Water	5000.	1	0	0.00				1	0	0.00					
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	4	2	0.50	1	1	1.00	2	0	0.00	1	1	1.00		
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	30	18	0.60	3	3	1.00	21	9	0.43	6	6	1.00		
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	30	11	0.37	3	3	1.00	21	6	0.29	6	2	0.33		
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	4	2	0.50	1	1	1.00	2	0	0.00	1	1	1.00		
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00				1	0	0.00					
		Drinking Water	2.	1	0	0.00				1	0	0.00					

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station GREE0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/21/73-12/01/80	4	20.	20.5	23.	19.	3.	1.732	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/16/73-12/01/80	8	26.	24.75	29.	14.	25.643	5.064	**	**	**	**
00032	CLOUD COVER (PERCENT)	11/16/73-12/01/80	10	25.	37.5	100.	0.	1562.5	39.528	0.	0.	75.	97.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/21/73-12/01/80	5	195.	213.	380.	113.	10714.5	103.511	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/21/73-12/01/80	4	6.15	5.75	7.9	2.8	4.563	2.136	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	12/21/73-12/01/80	5	1.	1.26	2.2	0.2	0.748	0.865	**	**	**	**
00400	PH (STANDARD UNITS)	12/21/73-12/01/80	4	6.4	6.475	6.9	6.2	0.096	0.31	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/21/73-12/01/80	4	6.389	6.405	6.9	6.2	0.102	0.32	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/21/73-12/01/80	4	0.409	0.394	0.631	0.126	0.049	0.22	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	12/21/73-12/01/80	5	6.6	6.64	6.8	6.5	0.013	0.114	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/21/73-12/01/80	5	6.6	6.628	6.8	6.5	0.013	0.115	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/21/73-12/01/80	5	0.251	0.235	0.316	0.158	0.004	0.06	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	09/04/74-12/01/80	5	168.	204.2	382.	139.	10311.2	101.544	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/21/73-12/01/80	5	0.4	0.714	1.47	0.1	0.345	0.588	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	09/04/74-12/01/80	4	10.5	15.25	35.	5.	180.25	13.426	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	09/04/74-12/01/80	4	3.105	7.78	24.8	0.11	133.134	11.538	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station GREE0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/21/73-12/01/80	21	4.	4.	16.	0.	14.6	3.821	0.	1.	5.	9.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/16/73-12/01/80	23	6.	4.348	18.	-4.	31.601	5.621	0.	1.	-1.	14.2
00032	CLOUD COVER (PERCENT)	11/16/73-12/01/80	24	50.	47.917	100.	0.	1788.949	42.296	0.	0.	100.	100.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/21/73-12/01/80	22	257.5	356.955	800.	110.	56228.331	237.125	137.6	173.75	550.	785.
00300	OXYGEN, DISSOLVED MG/L	12/21/73-12/01/80	21	8.6	7.971	12.5	0.9	13.451	3.668	2.1	6.	11.15	12.16
00310	BOD, 5 DAY, 20 DEG C MG/L	12/21/73-12/01/80	23	2.4	5.313	31.	0.2	52.44	7.242	0.6	1.	6.3	14.84
00400	PH (STANDARD UNITS)	12/21/73-12/01/80	21	6.6	6.538	7.2	5.7	0.126	0.356	6.04	6.3	6.75	7.08
00400	CONVERTED PH (STANDARD UNITS)	12/21/73-12/01/80	21	6.6	6.391	7.2	5.7	0.149	0.386	6.04	6.3	6.75	7.08
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/21/73-12/01/80	21	0.251	0.407	1.995	0.063	0.18	0.424	0.084	0.179	0.501	0.926
00403	PH, LAB, STANDARD UNITS SU	12/21/73-12/01/80	23	6.5	6.461	6.8	6.2	0.027	0.164	6.2	6.3	6.6	6.7
00403	CONVERTED PH, LAB, STANDARD UNITS	12/21/73-12/01/80	23	6.5	6.432	6.8	6.2	0.028	0.167	6.2	6.3	6.6	6.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/21/73-12/01/80	23	0.316	0.37	0.631	0.158	0.019	0.139	0.2	0.251	0.501	0.631
00500	RESIDUE, TOTAL (MG/L)	09/04/74-12/01/80	19	201.	286.	635.	101.	34697.444	186.273	113.	134.	485.	625.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/21/73-12/01/80	23	0.59	0.713	2.2	0.	0.462	0.679	0.	0.05	1.18	1.892
00940	CHLORIDE, TOTAL IN WATER MG/L	09/04/74-12/01/80	19	34.	54.368	191.	7.	2993.579	54.714	12.	18.	61.	175.
74010	IRON, TOTAL (MG/L AS FE)	09/04/74-12/01/80	19	1.64	4.999	29.8	0.3	65.671	8.104	0.55	0.81	4.2	21.59

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GREE0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/21/73-12/01/80	5	9.	9.	11.	7.	2.5	1.581	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/16/73-12/01/80	10	18.	17.4	42.	5.	131.378	11.462	5.	7.25	23.5	40.3
00032	CLOUD COVER (PERCENT)	11/16/73-12/01/80	10	25.	37.5	100.	0.	1701.389	41.248	0.	0.	81.25	100.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/21/73-12/01/80	7	200.	257.714	700.	124.	39568.238	198.918	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/21/73-12/01/80	5	9.8	8.16	10.8	0.4	19.228	4.385	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	12/21/73-12/01/80	7	1.8	10.457	62.	0.5	519.236	22.787	**	**	**	**
00400	PH (STANDARD UNITS)	12/21/73-12/01/80	5	6.9	6.52	7.	5.6	0.407	0.638	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/21/73-12/01/80	5	6.9	6.139	7.	5.6	0.589	0.767	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/21/73-12/01/80	5	0.126	0.726	2.512	0.1	1.084	1.041	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	12/21/73-12/01/80	7	6.6	6.6	7.1	6.1	0.107	0.327	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/21/73-12/01/80	7	6.6	6.496	7.1	6.1	0.119	0.345	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GREE0048

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/21/73-12/01/80	7	0.251	0.319	0.794	0.079	0.061	0.247	**	**	**	**
00500 RESIDUE, TOTAL (MG/L)	09/04/74-12/01/80	6	161.	229.667	631.	114.	39012.267	197.515	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/21/73-12/01/80	7	0.64	0.596	1.58	0.	0.352	0.593	**	**	**	**
00940 CHLORIDE,TOTAL IN WATER MG/L	09/04/74-12/01/80	6	18.	24.667	72.	9.	560.667	23.678	**	**	**	**
74010 IRON, TOTAL (MG/L AS FE)	09/04/74-12/01/80	5	1.1	11.934	55.5	0.69	593.206	24.356	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GREE0049

NPS Station ID: GREE0049
 Location: UNK TRIB THRU FAIRLAND LANDFILL
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02070010
 Major Basin: NORTH ATLANTIC
 Minor Basin: POTOMAC RIVER
 RF1 Index: 02070010
 RF3 Index: 02070010066400.00
 Description:

LAT/LON: 39.066670/ -76.953615

Depth of Water: 999
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 0.95

Agency: 21MDMONT
 FIPS State/County: 24031 MARYLAND/MONTGOMERY
 STORET Station ID(s): 59050
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 13.60
 Distance from RF3: 0.22

On/Off RF1:
 On/Off RF3:

STATION ESTABLISHED ON UNNAMED TRIBUTARY 20 FEET DOWN STREAM FROM THE OUTFALL OF SEDIMENTATION BASIN LOCATED WITHIN FAIRLAND LANDFILL. UNNAMED TRIBUTARY FLOWS TO THE SOUTH-EAST CORNER OF THE LANDFILL AND MERGES WITH UNNAMED TRIBUTARY FLOWING INTO LITTLE PAINT. ESTABLISHED OCTOBER 1973.

Parameter Inventory for Station: GREE0049

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/16/73-12/01/80	45	8.	8.867	21.	-1.	46.618	6.828	1.6	4.	15.	19.4
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/16/73-12/01/80	45	9.	11.889	40.	-4.	121.237	11.011	0.	5.	21.	27.4
00032 CLOUD COVER (PERCENT)	11/16/73-12/01/80	49	25.	41.327	100.	0.	1707.058	41.317	0.	0.	75.	100.
00075 TURBIDITY, HELLOGE (PPM AS SILICON DIOXIDE)	11/16/73-12/12/77	45	11.	21.889	123.	0.	615.737	24.814	3.	7.	34.	46.4
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/16/78-12/01/80	13	8.8	7.485	14.	1.4	15.825	3.978	1.84	3.7	10.5	13.2
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/16/76-12/14/76	2	227.5	227.5	235.	220.	112.5	10.607	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/73-12/01/80	56	232.5	262.446	780.	140.	11152.252	105.604	178.5	200.	298.75	400.
00300 OXYGEN, DISSOLVED MG/L	11/16/73-12/01/80	46	10.15	9.726	13.4	5.1	5.033	2.243	6.54	7.925	11.7	12.38
00301 OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/26/75-12/01/80	36	82.85	80.903	96.7	54.8	95.757	9.786	69.67	73.1	89.05	93.49
00310 BOD, 5 DAY, 20 DEG C MG/L	11/16/73-12/01/80	59	2.	4.531	68.	0.5	106.54	10.322	1.	1.4	3.	5.6
00400 PH (STANDARD UNITS)	11/16/73-12/01/80	46	6.6	6.596	7.5	5.	0.174	0.417	6.1	6.4	6.9	7.
00400 CONVERTED PH (STANDARD UNITS)	11/16/73-12/01/80	46	6.6	6.281	7.5	5.	0.275	0.525	6.1	6.4	6.9	7.
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	46	0.251	0.524	10.	0.032	2.102	1.45	0.1	0.126	0.398	0.794
00403 PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	59	6.7	6.683	7.3	6.	0.066	0.257	6.3	6.5	6.9	6.9
00403 CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	59	6.7	6.603	7.3	6.	0.073	0.27	6.3	6.5	6.9	6.9
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	59	0.2	0.249	1.	0.05	0.031	0.175	0.126	0.126	0.316	0.501
00500 RESIDUE, TOTAL (MG/L)	11/16/73-12/01/80	58	148.	188.207	803.	62.	15400.202	124.098	105.9	121.75	196.5	342.4
00630 NITRITE PLUS NITRATE, TOTAL I DET. (MG/L AS N)	11/16/73-12/01/80	59	1.35	1.407	2.78	0.08	0.335	0.579	0.76	1.05	1.74	2.3
00650 PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	56	0.095	0.171	1.91	0.	0.092	0.303	0.	0.04	0.198	0.3
00940 CHLORIDE,TOTAL IN WATER MG/L	11/16/73-12/01/80	58	19.	25.345	106.	5.	302.897	17.404	13.9	16.	29.25	51.3
01027 CADMIUM, TOTAL (UG/L AS CD)	11/16/73-12/01/80	49 ##	3.	2.949	10.	0.	6.148	2.48	0.	0.	5.	5.
01034 CHROMIUM, TOTAL (UG/L AS CR)	03/07/77-12/01/80	19	5.	6.842	80.	0.	322.807	17.967	0.	0.	5.	10.
01042 COPPER, TOTAL (UG/L AS CU)	11/16/73-12/01/80	50	0.	7.96	90.	0.	339.427	18.424	0.	0.	5.	39.
01051 LEAD, TOTAL (UG/L AS PB)	11/16/73-12/01/80	50	10.	12.56	40.	0.	142.088	11.92	0.	0.	25.	25.
01067 NICKEL, TOTAL (UG/L AS NI)	12/01/80-12/01/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01075 SILVER, DISSOLVED (UG/L AS AG)	11/16/73-12/01/80	50 ##	5.	3.16	10.	0.	7.341	2.709	0.	0.	5.	5.
01092 ZINC, TOTAL (UG/L AS ZN)	11/16/73-12/01/80	50	30.	57.87	370.	0.	5294.049	72.76	0.	15.5	70.	139.
31505 COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/21/80-12/01/80	4	2365.	2390.	4600.	230.	5679800.	2383.233	**	**	**	**
31505 LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/21/80-12/01/80	4	3.133	3.073	3.663	2.362	0.454	0.674	**	**	**	**
31505 GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	GEOMETRIC MEAN =			1182.648								
31506 COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	53	2300.	14181.075	240000.	30.	1314321513.379	36253.572	150.	335.	9300.	44800.
31506 LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	53	3.362	3.29	5.38	1.477	0.9	0.948	2.176	2.507	3.968	4.651
31506 GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1949.619								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GREE0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	53	40.	1668.123	43000.	1.5	38630792.201	6215.367	15.	15.	360.	4480.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	53	1.602	2.018	4.633	0.176	0.876	0.936	1.176	1.176	2.556	3.651
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			104.224								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/21/80-12/01/80	4 ##	222.5	347.5	930.	15.	189075.	434.828	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/21/80-12/01/80	4 ##	1.905	1.989	2.968	1.176	0.899	0.948	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			97.394								
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/24/80-12/01/80	2	0.24	0.24	0.29	0.19	0.005	0.071	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	11/16/73-12/01/80	48 ##	0.1	0.526	11.	0.	2.578	1.606	0.05	0.05	0.375	1.04
74010	IRON, TOTAL (MG/L AS FE)	11/16/73-12/01/80	52	2.11	2.214	5.99	0.09	2.378	1.542	0.389	0.925	3.388	4.44

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GREE0049

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	13	0	0.00	3	0	0.00	7	0	0.00	3	0	0.00		
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	46	0	0.00	10	0	0.00	26	0	0.00	10	0	0.00		
00400	PH	Fresh Chronic	9.	46	0	0.00	9	0	0.00	26	0	0.00	11	0	0.00		
		Other-Lo Lim.	6.5	46	18	0.39	9	2	0.22	26	11	0.42	11	5	0.45		
00403	PH, LAB	Fresh Chronic	9.	59	0	0.00	14	0	0.00	30	0	0.00	15	0	0.00		
		Other-Lo Lim.	6.5	59	17	0.29	14	2	0.14	30	10	0.33	15	5	0.33		
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	59	0	0.00	14	0	0.00	30	0	0.00	15	0	0.00		
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	58	0	0.00	14	0	0.00	30	0	0.00	14	0	0.00		
		Drinking Water	250.	58	0	0.00	14	0	0.00	30	0	0.00	14	0	0.00		
01027	CADMIUM, TOTAL	Fresh Acute	3.9	27 &	2	0.07	6	1	0.17	14	0	0.00	7	1	0.14		
		Drinking Water	5.	27 &	2	0.07	6	1	0.17	14	0	0.00	7	1	0.14		
01034	CHROMIUM, TOTAL	Drinking Water	100.	19	0	0.00	3	0	0.00	11	0	0.00	5	0	0.00		
01042	COPPER, TOTAL	Fresh Acute	18.	48 &	4	0.08	10	2	0.20	25	2	0.08	13	0	0.00		
		Drinking Water	1300.	50	0	0.00	10	0	0.00	27	0	0.00	13	0	0.00		
01051	LEAD, TOTAL	Fresh Acute	82.	50	0	0.00	10	0	0.00	27	0	0.00	13	0	0.00		
		Drinking Water	15.	36 &	5	0.14	7	2	0.29	20	3	0.15	9	0	0.00		
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00				1	0	0.00					
		Drinking Water	100.	1	0	0.00				1	0	0.00					
01075	SILVER, DISSOLVED	Fresh Acute	4.1	25 &	2	0.08	5	1	0.20	14	1	0.07	6	0	0.00		
		Drinking Water	100.	50	0	0.00	10	0	0.00	27	0	0.00	13	0	0.00		
01092	ZINC, TOTAL	Fresh Acute	120.	50	6	0.12	10	3	0.30	27	3	0.11	13	0	0.00		
		Drinking Water	5000.	50	0	0.00	10	0	0.00	27	0	0.00	13	0	0.00		
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	4	2	0.50	1	1	1.00	2	0	0.00	1	1	1.00		
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	53	29	0.55	11	11	1.00	28	7	0.25	14	11	0.79		
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	53	19	0.36	11	9	0.82	28	4	0.14	14	6	0.43		
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	4	2	0.50	1	1	1.00	2	0	0.00	1	1	1.00		
71900	MERCURY, TOTAL	Fresh Acute	2.4	48	1	0.02	10	1	0.10	27	0	0.00	11	0	0.00		
		Drinking Water	2.	48	2	0.04	10	1	0.10	27	1	0.04	11	0	0.00		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station GREE0049

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/16/73-12/01/80	9	19.	18.889	21.	13.	6.361	2.522	13.	18.	21.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/16/73-12/01/80	10	26.	24.9	29.	14.	20.544	4.533	14.7	23.25	28.25
00032	CLOUD COVER (PERCENT)	11/16/73-12/01/80	12	12.5	33.333	100.	0.	1515.152	38.925	0.	75.	92.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/73-12/01/80	14	265.	323.214	780.	175.	24913.874	157.841	182.5	213.75	405.
00300	OXYGEN, DISSOLVED MG/L	11/16/73-12/01/80	10	6.95	6.96	9.5	5.1	1.674	1.294	5.11	6.1	7.7
00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/73-12/01/80	14	2.65	9.379	68.	1.6	342.025	18.494	1.65	1.775	4.2
00400	PH (STANDARD UNITS)	11/16/73-12/01/80	9	6.9	6.6	7.	5.	0.422	0.65	5.	6.45	7.
00400	CONVERTED PH (STANDARD UNITS)	11/16/73-12/01/80	9	6.9	5.892	7.	5.	0.986	0.993	5.	6.45	7.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	9	0.126	1.281	10.	0.1	10.708	3.272	0.1	0.1	0.376
00403	PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	14	6.9	6.786	7.3	6.	0.106	0.325	6.2	6.6	6.95
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	14	6.9	6.649	7.3	6.	0.126	0.355	6.2	6.6	6.95
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	14	0.126	0.224	1.	0.05	0.058	0.241	0.065	0.114	0.251
00500	RESIDUE, TOTAL (MG/L)	11/16/73-12/01/80	14	179.	229.429	573.	119.	18268.725	135.162	120.5	139.5	308.25
00630	NITRITE PLUS NITRATE, TOTAL I DET. (MG/L AS N)	11/16/73-12/01/80	14	1.325	1.369	2.78	0.11	0.458	0.677	0.405	0.918	1.7
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	13	0.1	0.278	1.91	0.	0.251	0.501	0.	0.07	0.265
00940	CHLORIDE, TOTAL IN WATER MG/L	11/16/73-12/01/80	14	19.	21.429	35.	12.	50.879	7.133	13.	16.5	29.5
01027	CADMIUM, TOTAL (UG/L AS CD)	11/16/73-12/01/80	10 ##	3.75	3.5	10.	0.	10.	3.162	0.	0.	5.
01042	COPPER, TOTAL (UG/L AS CU)	11/16/73-12/01/80	10	0.	16.	90.	0.	1021.111	31.955	0.	0.	18.75
01051	LEAD, TOTAL (UG/L AS PB)	11/16/73-12/01/80	10	17.5	18.	40.	0.	162.222	12.737	0.5	8.75	26.25
01075	SILVER, DISSOLVED (UG/L AS AG)	11/16/73-12/01/80	10 ##	5.	4.	10.	0.	8.611	2.934	0.	1.875	5.
01092	ZINC, TOTAL (UG/L AS ZN)	11/16/73-12/01/80	10	40.	102.	370.	0.	15551.111	124.704	0.	22.5	165.
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	11	24000.	47890.909	240000.	2300.	4796298909.091	69255.317	2760.	9300.	46000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	11	4.38	4.329	5.38	3.362	0.36	0.6	3.422	3.968	4.663
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	11	21325.199	GEOMETRIC MEAN =							
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	11	430.	6809.727	43000.	36.	160430233.618	12666.106	47.	360.	9300.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	11	2.633	3.072	4.633	1.556	0.939	0.969	1.637	2.556	3.968
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	11	1181.193	GEOMETRIC MEAN =							
71900	MERCURY, TOTAL (UG/L AS HG)	11/16/73-12/01/80	10	0.25	1.375	11.	0.05	11.529	3.395	0.05	0.05	0.7
74010	IRON, TOTAL (MG/L AS FE)	11/16/73-12/01/80	9	2.29	2.248	3.89	0.38	1.636	1.279	0.38	0.99	3.575

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station GREE0049

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/16/73-12/01/80	26	5.	4.269	15.	-1.	13.645	3.694	0.7	2.	7.25
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/16/73-12/01/80	24	6.5	4.208	18.	-4.	30.346	5.509	0.	1.	8.75
00032	CLOUD COVER (PERCENT)	11/16/73-12/01/80	26	37.5	44.231	100.	0.	1815.385	42.607	0.	100.	100.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/73-12/01/80	28	235.	248.929	400.	140.	3548.81	59.572	177.5	211.25	297.5
00300	OXYGEN, DISSOLVED MG/L	11/16/73-12/01/80	26	11.05	10.896	13.4	5.9	3.086	1.757	8.35	9.975	12.05
00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/73-12/01/80	30	1.5	2.033	5.6	0.5	1.625	1.275	0.83	1.2	2.825
00400	PH (STANDARD UNITS)	11/16/73-12/01/80	26	6.6	6.588	7.5	6.	0.101	0.318	6.1	6.4	6.8
00400	CONVERTED PH (STANDARD UNITS)	11/16/73-12/01/80	26	6.6	6.486	7.5	6.	0.112	0.335	6.1	6.4	6.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	26	0.251	0.327	1.	0.032	0.056	0.237	0.118	0.158	0.398
00403	PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	30	6.7	6.637	6.9	6.1	0.051	0.227	6.3	6.475	6.8
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	30	6.7	6.574	6.9	6.1	0.055	0.236	6.3	6.475	6.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	30	0.2	0.267	0.794	0.126	0.027	0.165	0.126	0.158	0.337
00500	RESIDUE, TOTAL (MG/L)	11/16/73-12/01/80	30	148.	165.233	416.	90.	5243.289	72.411	96.9	113.25	196.5
00630	NITRITE PLUS NITRATE, TOTAL I DET. (MG/L AS N)	11/16/73-12/01/80	30	1.375	1.422	2.71	0.56	0.255	0.505	0.9	1.045	1.725
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	28	0.08	0.158	1.01	0.	0.063	0.25	0.	0.04	0.173
00940	CHLORIDE, TOTAL IN WATER MG/L	11/16/73-12/01/80	30	21.	30.5	106.	5.	506.672	22.509	13.	15.75	38.25
01027	CADMIUM, TOTAL (UG/L AS CD)	11/16/73-12/01/80	26 ##	2.75	2.731	5.	0.	5.305	2.303	0.	0.	5.
01042	COPPER, TOTAL (UG/L AS CU)	11/16/73-12/01/80	27	0.	7.296	50.	0.	240.063	15.494	0.	0.	5.
01051	LEAD, TOTAL (UG/L AS PB)	11/16/73-12/01/80	27	5.	11.593	36.	0.	144.097	12.004	0.	0.	25.
01075	SILVER, DISSOLVED (UG/L AS AG)	11/16/73-12/01/80	27 ##	5.	2.87	10.	0.	8.031	2.834	0.	0.	5.
01092	ZINC, TOTAL (UG/L AS ZN)	11/16/73-12/01/80	27	50.	55.741	250.	0.	3035.507	55.095	6.4	20.	70.
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	28	430.	3378.464	43000.	30.	73175277.443	8554.255	84.6	230.	1957.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station GREE0049

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31506 LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	28	2.633	2.759	4.633	1.477	0.615	0.784	1.914	2.362	3.263	3.989
31506 GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			573.785								
31614 FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	28 ##	36.	215.696	4300.	1.5	648638.21	805.381	15.	15.	78.25	246.
31614 LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	28 ##	1.556	1.588	3.633	0.176	0.411	0.641	1.176	1.176	1.87	2.385
31614 GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			38.747								
71900 MERCURY, TOTAL (UG/L AS HG)	11/16/73-12/01/80	27 ##	0.1	0.372	2.1	0.05	0.281	0.53	0.05	0.05	0.4	1.44
74010 IRON, TOTAL (MG/L AS FE)	11/16/73-12/01/80	30	2.11	2.162	5.35	0.09	2.383	1.544	0.356	0.81	3.103	4.46

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GREE0049

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/16/73-12/01/80	10	11.	11.8	18.	7.	13.289	3.645	7.1	8.75	15.25	17.8
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/16/73-12/01/80	11	17.	16.818	40.	5.	107.564	10.371	5.	8.	21.	37.
00032 CLOUD COVER (PERCENT)	11/16/73-12/01/80	11	25.	43.182	100.	0.	1886.364	43.432	0.	0.	100.	100.
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/73-12/01/80	14	200.	228.714	540.	160.	9302.374	96.449	165.	181.5	231.25	420.
00300 OXYGEN, DISSOLVED MG/L	11/16/73-12/01/80	10	9.6	9.45	11.8	7.1	2.378	1.542	7.16	8.075	10.85	11.72
00310 BOD, 5 DAY, 20 DEG C MG/L	11/16/73-12/01/80	15	2.2	5.	36.3	0.7	83.317	9.128	0.82	1.4	2.9	22.14
00400 PH (STANDARD UNITS)	11/16/73-12/01/80	11	6.6	6.609	7.3	6.	0.191	0.437	6.02	6.1	7.	7.28
00400 CONVERTED PH (STANDARD UNITS)	11/16/73-12/01/80	11	6.6	6.43	7.3	6.	0.226	0.475	6.02	6.1	7.	7.28
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	11	0.251	0.371	1.	0.05	0.11	0.332	0.053	0.1	0.794	0.959
00403 PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	15	6.7	6.68	7.1	6.3	0.055	0.234	6.36	6.5	6.8	7.04
00403 CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	15	6.7	6.623	7.1	6.3	0.058	0.241	6.36	6.5	6.8	7.04
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	15	0.2	0.238	0.501	0.079	0.015	0.124	0.092	0.158	0.316	0.439
00500 RESIDUE, TOTAL (MG/L)	11/16/73-12/01/80	14	136.	196.214	803.	62.	34441.72	185.585	91.	120.75	161.5	574.5
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	15	1.29	1.415	2.6	0.08	0.434	0.659	0.38	1.09	1.94	2.42
00650 PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	15	0.08	0.103	0.34	0.	0.009	0.095	0.	0.03	0.12	0.28
00940 CHLORIDE,TOTAL IN WATER MG/L	11/16/73-12/01/80	14	17.	18.214	29.	14.	14.335	3.786	14.5	16.	19.5	25.5
01027 CADMIUM, TOTAL (UG/L AS CD)	11/16/73-12/01/80	13 ##	5.	2.962	5.	0.	5.686	2.385	0.	0.	5.	5.
01042 COPPER, TOTAL (UG/L AS CU)	11/16/73-12/01/80	13	0.	3.154	11.	0.	20.141	4.488	0.	0.	7.5	10.6
01051 LEAD, TOTAL (UG/L AS PB)	11/16/73-12/01/80	13 ##	5.	10.385	25.	0.	114.423	10.697	0.	0.	25.	25.
01075 SILVER, DISSOLVED (UG/L AS AG)	11/16/73-12/01/80	13 ##	5.	3.115	5.	0.	5.34	2.311	0.	0.	5.	5.
01092 ZINC, TOTAL (UG/L AS ZN)	11/16/73-12/01/80	13	30.	28.346	90.	0.	799.724	28.279	0.	1.25	40.	82.
31506 COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	14	2350.	9300.	46000.	240.	177312876.923	13315.888	335.	1357.5	14250.	35000.
31506 LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	14	3.371	3.536	4.663	2.38	0.459	0.677	2.507	3.124	4.126	4.521
31506 GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			3435.883								
31614 FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	14	80.5	533.143	4600.	15.	1468220.44	1211.701	15.	30.75	405.	2765.
31614 LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	14	1.902	2.049	3.663	1.176	0.589	0.767	1.176	1.461	2.513	3.316
31614 GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			111.948								
71900 MERCURY, TOTAL (UG/L AS HG)	11/16/73-12/01/80	11 ##	0.05	0.132	0.8	0.	0.052	0.228	0.	0.05	0.1	0.68
74010 IRON, TOTAL (MG/L AS FE)	11/16/73-12/01/80	13	1.92	2.312	5.99	0.29	3.238	1.799	0.482	1.06	3.255	5.778

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GREE0050

NPS Station ID: GREE0050
 Location: TRIB TO LTL PAINT ON BEXLEY TERR
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02070010
 Major Basin: NORTH ATLANTIC
 Minor Basin: POTOMAC RIVER
 RF1 Index: 02070010
 RF3 Index: 02070010066400.00
 Description:

LAT/LON: 39.066670/ -76.962504

Depth of Water: 999
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 0.86

Agency: 21MDMONT
 FIPS State/County: 24031 MARYLAND/MONTGOMERY
 STORET Station ID(s): 59030
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 13.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

STATION ESTABLISHED ON UNNAMED TRIBUTARY ALONG BEXLEY TERRACE AND SHANANDALE DRIVE. STATION ESTABLISHED 100 YARDS ABOVE FAIRLAND LANDFILL. ESTABLISHED OCTOBER 1973.

Parameter Inventory for Station: GREE0050

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/16/73-08/02/84	47	-1.	9.768	28.	-1.	56.924	7.545	2.	4.	17.	20.28
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/16/73-08/02/84	48	-1.	12.45	42.	-4.	129.38	11.375	1.9	5.25	23.9	28.1
00032 CLOUD COVER (PERCENT)	11/16/73-08/02/84	51	50.	45.098	100.	0.	1800.49	42.432	0.	0.	100.	100.
00075 TURBIDITY, HELLOGE (PPM AS SILICON DIOXIDE)	11/16/73-12/12/77	46	3.5	6.152	50.	0.	65.154	8.072	1.	2.	8.	14.
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/16/78-12/01/80	13	2.6	3.615	8.2	1.4	5.898	2.429	1.44	1.6	5.85	7.84
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/16/76-08/02/84	3	163.	162.	168.	155.	43.	6.557	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/73-12/01/80	58	149.5	151.241	235.	100.	616.642	24.832	123.7	134.25	166.25	184.1
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/02/84-08/02/84	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	11/16/73-12/01/80	47	11.	10.626	13.8	6.	3.605	1.899	7.88	9.1	12.	13.08
00301 OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/26/75-08/02/84	38	87.65	90.595	139.2	66.7	143.311	11.971	79.93	84.1	94.825	102.67
00310 BOD, 5 DAY, 20 DEG C MG/L	11/16/73-08/02/84	58	1.25	1.388	4.5	0.	0.86	0.928	0.39	0.775	1.8	2.45
00335 COD, .025N K2CR2O7 MG/L	08/02/84-08/02/84	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	11/16/73-08/02/84	48	7.	6.892	8.2	6.2	0.129	0.359	6.4	6.6	7.075	7.21
00400 CONVERTED PH (STANDARD UNITS)	11/16/73-08/02/84	48	7.	6.769	8.2	6.2	0.144	0.38	6.4	6.6	7.075	7.21
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-08/02/84	48	0.1	0.17	0.631	0.006	0.016	0.127	0.062	0.085	0.251	0.398
00403 PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	60	6.6	6.56	7.4	5.9	0.133	0.364	6.1	6.225	6.7	7.09
00403 CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	60	6.6	6.421	7.4	5.9	0.152	0.39	6.1	6.225	6.7	7.09
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	60	0.251	0.38	1.259	0.04	0.096	0.309	0.081	0.2	0.599	0.794
00500 RESIDUE, TOTAL (MG/L)	11/16/73-08/02/84	60	104.	107.4	200.	46.	1019.058	31.923	74.2	85.75	120.	148.3
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/05/76-01/05/76	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	08/02/84-08/02/84	1	1.39	1.39	1.39	1.39	0.	0.	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL I DET. (MG/L AS N)	11/16/73-12/01/80	60	1.5	1.655	4.52	0.05	0.605	0.778	0.725	1.225	2.033	2.612
00650 PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	58	0.085	0.152	1.18	0.	0.042	0.205	0.	0.03	0.185	0.336
00940 CHLORIDE,TOTAL IN WATER MG/L	11/16/73-08/02/84	61	19.	20.246	44.	7.	41.955	6.477	14.	16.	23.5	28.
00945 SULFATE, TOTAL (MG/L AS SO4)	08/02/84-08/02/84	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01002 ARSENIC, TOTAL (UG/L AS AS)	08/02/84-08/02/84	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01007 BARIUM, TOTAL (UG/L AS BA)	08/02/84-08/02/84	1	68.	68.	68.	68.	0.	0.	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS CD)	11/16/73-08/02/84	50 ##	2.5	2.802	10.	0.	6.123	2.475	0.	0.	5.	5.
01034 CHROMIUM, TOTAL (UG/L AS CR)	03/07/77-08/02/84	20	0.	7.1	100.	0.	486.621	22.059	0.	0.	5.	9.5
01042 COPPER, TOTAL (UG/L AS CU)	11/16/73-12/01/80	50	0.	6.38	80.	0.	241.587	15.543	0.	0.	5.	28.2
01051 LEAD, TOTAL (UG/L AS PB)	11/16/73-08/02/84	51 ##	5.	11.255	50.	0.	164.714	12.834	0.	0.	25.	29.
01067 NICKEL, TOTAL (UG/L AS NI)	12/01/80-12/01/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01075 SILVER, DISSOLVED (UG/L AS AG)	11/16/73-12/01/80	50 ##	5.	4.016	51.	0.	52.639	7.255	0.	0.	5.	5.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GREE0050

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01077 SILVER, TOTAL (UG/L AS AG)	08/02/84-08/02/84	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	11/16/73-12/01/80	50	20.	48.47	1000.	0.	21223.678	145.683	0.	0.75	40.	50.
01147 SELENIUM, TOTAL (UG/L AS SE)	08/02/84-08/02/84	1	3.	3.	3.	3.	0.	0.	**	**	**	**
31505 COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/21/80-12/01/80	4	2765.	7400.75	24000.	73.	126315275.583	11239.007	**	**	**	**
31505 LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/21/80-12/01/80	4	3.316	3.219	4.38	1.863	1.149	1.072	**	**	**	**
31505 GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	GEOMETRIC MEAN =			1654.603								
31506 COLIFORM,TOT,MPN,CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	54	2400.	6230.926	46000.	140.	93384480.259	9663.565	430.	930.	5325.	21000.
31506 LOG COLIFORM,TOT,MPN,CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	54	3.38	3.412	4.663	2.146	0.355	0.596	2.633	2.968	3.716	4.322
31506 GM COLIFORM,TOT,MPN,CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			2583.674								
31614 FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	54	36.	645.361	9300.	1.5	2941639.589	1715.121	15.	15.	230.	1900.
31614 LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	54	1.556	1.95	3.968	0.176	0.7	0.837	1.176	1.176	2.362	3.269
31614 GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			89.036								
31615 FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/21/80-12/01/80	4 ##	222.5	222.5	430.	15.	57408.333	239.6	**	**	**	**
31615 LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/21/80-12/01/80	4 ##	1.905	1.905	2.633	1.176	0.708	0.841	**	**	**	**
31615 GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			80.312								
39300 P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	08/02/84-08/02/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39390 ENDRIIN IN WHOLE WATER SAMPLE (UG/L)	08/02/84-08/02/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39400 TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	08/02/84-08/02/84	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39480 METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	08/02/84-08/02/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39516 PCBS IN WHOLE WATER SAMPLE (UG/L)	08/02/84-08/02/84	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39782 LINDANE IN WHOLE WATER SAMPLE (UG/L)	08/02/84-08/02/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/02/84-08/02/84	1	110.	110.	110.	110.	0.	0.	**	**	**	**
71886 PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/24/80-12/01/80	2	0.21	0.21	0.33	0.09	0.029	0.17	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	11/16/73-08/02/84	49 ##	0.1	0.194	1.8	0.	0.088	0.297	0.05	0.05	0.2	0.4
74010 IRON, TOTAL (MG/L AS FE)	11/16/73-12/01/80	53	0.65	1.006	7.51	0.14	1.218	1.104	0.4	0.475	1.07	1.744

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GREE0050

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076 TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	13	0	0.00	3	0	0.00	7	0	0.00	3	0	0.00			
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	47	0	0.00	10	0	0.00	27	0	0.00	10	0	0.00			
00400 PH	Fresh Chronic	9.	48	0	0.00	10	0	0.00	27	0	0.00	11	0	0.00			
	Other-Lo Lim.	6.5	48	8	0.17	10	0	0.00	27	5	0.19	11	3	0.27			
00403 PH, LAB	Fresh Chronic	9.	60	0	0.00	14	0	0.00	31	0	0.00	15	0	0.00			
	Other-Lo Lim.	6.5	60	26	0.43	14	3	0.21	31	15	0.48	15	8	0.53			
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00630 NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	60	0	0.00	14	0	0.00	31	0	0.00	15	0	0.00			
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	61	0	0.00	15	0	0.00	31	0	0.00	15	0	0.00			
	Drinking Water	250.	61	0	0.00	15	0	0.00	31	0	0.00	15	0	0.00			
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
01002 ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00									
	Drinking Water	50.	1	0	0.00	1	0	0.00									
01007 BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01027 CADMIUM, TOTAL	Fresh Acute	3.9	28 &	1	0.04	8	1	0.13	13	0	0.00	7	0	0.00			
	Drinking Water	5.	28 &	1	0.04	8	1	0.13	13	0	0.00	7	0	0.00			
01034 CHROMIUM, TOTAL	Drinking Water	100.	20	1	0.05	5	0	0.00	10	1	0.10	5	0	0.00			
01042 COPPER, TOTAL	Fresh Acute	18.	48 &	3	0.06	11	2	0.18	23	1	0.04	14	0	0.00			
	Drinking Water	1300.	50	0	0.00	11	0	0.00	25	0	0.00	14	0	0.00			
01051 LEAD, TOTAL	Fresh Acute	82.	51	0	0.00	12	0	0.00	25	0	0.00	14	0	0.00			
	Drinking Water	15.	39 &	5	0.13	10	2	0.20	19	2	0.11	10	1	0.10			
01067 NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
	Drinking Water	100.	1	0	0.00				1	0	0.00						
01075 SILVER, DISSOLVED	Fresh Acute	4.1	26 &	3	0.12	7	2	0.29	13	1	0.08	6	0	0.00			
	Drinking Water	100.	50	0	0.00	11	0	0.00	25	0	0.00	14	0	0.00			
01077 SILVER, TOTAL	Fresh Acute	4.1	1	0	0.00	1	0	0.00									
	Drinking Water	100.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GREE0050

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
01092	ZINC, TOTAL					Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
	Fresh Acute	120.	50	3	0.06	11	0	0.00	25	2	0.08	14	1	0.07			
	Drinking Water	5000.	50	0	0.00	11	0	0.00	25	0	0.00	14	0	0.00			
01147	SELENIUM, TOTAL																
	Fresh Acute	20.	1	0	0.00	1	0	0.00									
	Drinking Water	50.	1	0	0.00	1	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C																
	Other-Hi Lim.	1000.	4	2	0.50	1	1	1.00	2	0	0.00	1	1	1.00			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C																
	Other-Hi Lim.	1000.	54	37	0.69	11	10	0.91	29	16	0.55	14	11	0.79			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION																
	Other-Hi Lim.	200.	54	20	0.37	11	7	0.64	29	6	0.21	14	7	0.50			
31615	FECAL COLIFORM, MPN																
	Other-Hi Lim.	200.	4	2	0.50	1	1	1.00	2	1	0.50	1	0	0.00			
39300	P,P' DDT IN WHOLE WATER SAMPLE																
	Fresh Acute	1.1	1	0	0.00	1	0	0.00									
39390	ENDRIN IN WHOLE WATER SAMPLE																
	Fresh Acute	0.18	1	0	0.00	1	0	0.00									
	Drinking Water	2.	1	0	0.00	1	0	0.00									
39400	TOXAPHENE IN WHOLE WATER SAMPLE																
	Fresh Acute	0.73	1	0	0.00	1	0	0.00									
	Drinking Water	3.	1	0	0.00	1	0	0.00									
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE																
	Drinking Water	40.	1	0	0.00	1	0	0.00									
39782	LINDANE IN WHOLE WATER SAMPLE																
	Fresh Acute	2.	1	0	0.00	1	0	0.00									
	Drinking Water	0.2	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL																
	Fresh Acute	2.4	49	0	0.00	12	0	0.00	25	0	0.00	12	0	0.00			
	Drinking Water	2.	49	0	0.00	12	0	0.00	25	0	0.00	12	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station GREE0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	11/16/73-12/12/77	3	5.	6.667	14.	1.	44.333	6.658	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/73-12/01/80	3	144.	159.667	235.	100.	4740.333	68.85	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	3	6.7	6.7	6.8	6.6	0.01	0.1	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	3	6.7	6.692	6.8	6.6	0.01	0.1	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	3	0.2	0.203	0.251	0.158	0.002	0.046	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	11/16/73-08/02/84	3	64.	94.333	173.	46.	4722.333	68.719	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	3	1.98	2.187	3.53	1.05	1.57	1.253	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	3	0.32	0.29	0.33	0.22	0.004	0.061	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/16/73-08/02/84	3	19.	26.	44.	15.	247.	15.716	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	3	2300.	8076.667	21000.	930.	125728633.333	11212.878	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	3	3.362	3.551	4.322	2.968	0.485	0.696	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			3554.758								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	3	230.	158.333	230.	15.	15408.333	124.13	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	3	2.362	1.967	2.362	1.176	0.469	0.685	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			92.58								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GREE0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	11/16/73-12/12/77	14	4.5	9.5	50.	1.	171.808	13.108	1.	2.	11.	35.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/73-12/01/80	14	130.	138.571	183.	114.	442.879	21.045	115.	123.25	152.5	176.5
00403	PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	14	6.8	6.879	7.4	6.5	0.085	0.291	6.55	6.6	7.125	7.35
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	14	6.789	6.798	7.4	6.5	0.092	0.303	6.55	6.6	7.125	7.35
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	14	0.163	0.159	0.316	0.04	0.008	0.09	0.045	0.075	0.251	0.284
00500	RESIDUE, TOTAL (MG/L)	11/16/73-08/02/84	13	115.	116.846	195.	53.	1263.141	35.541	62.6	95.5	133.	181.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	14	1.41	1.922	4.52	1.	1.089	1.043	1.02	1.235	2.508	3.975
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	14	0.16	0.234	0.82	0.05	0.042	0.204	0.06	0.12	0.3	0.66
00940	CHLORIDE,TOTAL IN WATER MG/L	11/16/73-08/02/84	14	18.	17.571	24.	9.	24.725	4.972	10.	13.75	22.25	23.5
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	14	1900.	6809.286	46000.	230.	15620653.297	12498.266	330.	790.	5100.	33500.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	14	3.269	3.352	4.663	2.362	0.43	0.656	2.498	2.878	3.694	4.492
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			2251.139								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	14	145.	569.143	2300.	15.	716201.363	846.287	15.	30.75	1072.5	2300.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	14	2.161	2.177	3.362	1.176	0.639	0.8	1.176	1.461	3.02	3.362
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			150.218								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GREE0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	11/16/73-12/12/77	9	3.	3.444	8.	1.	5.528	2.351	1.	1.	5.	8.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/73-12/01/80	10	153.5	156.7	185.	128.	268.233	16.378	129.6	148.5	171.25	184.
00403	PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	10	6.7	6.83	7.3	6.5	0.065	0.254	6.51	6.675	7.025	7.28
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	10	6.7	6.771	7.3	6.5	0.068	0.262	6.51	6.675	7.025	7.28
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	10	0.2	0.17	0.316	0.05	0.007	0.084	0.053	0.095	0.212	0.31
00500	RESIDUE, TOTAL (MG/L)	11/16/73-08/02/84	10	100.	102.1	132.	61.	449.656	21.205	63.7	89.5	123.5	131.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	10	1.905	1.906	2.63	1.18	0.172	0.414	1.22	1.595	2.14	2.608
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	10	0.105	0.12	0.24	0.02	0.004	0.067	0.025	0.078	0.163	0.236
00940	CHLORIDE,TOTAL IN WATER MG/L	11/16/73-08/02/84	10	18.	18.7	27.	16.	9.789	3.129	16.1	17.	19.25	26.3
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	10	6800.	9415.	24000.	750.	71177805.556	8436.694	905.	3500.	15000.	24000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	10	3.801	3.787	4.38	2.875	0.217	0.466	2.924	3.534	4.154	4.38
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			6125.422								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	10	483.	1647.25	9300.	1.5	8938038.625	2989.655	2.85	15.	1772.5	8800.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GREE0050

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31614 LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	10	2.262	2.177	3.968	0.176	1.623	1.274	0.276	1.176	3.135	3.935
31614 GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			150.247								

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Annual Analysis for 1976 - Station GREE0050

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00075 TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	11/16/73-12/12/77	11	3.	4.091	11.	0.	11.091	3.33	0.2	2.	7.	10.4
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/73-12/01/80	9	148.	143.444	160.	124.	151.278	12.3	124.	131.5	153.	160.
00403 PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	11	6.6	6.536	6.8	6.1	0.043	0.206	6.12	6.5	6.6	6.78
00403 CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	11	6.6	6.484	6.8	6.1	0.046	0.213	6.12	6.5	6.6	6.78
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	11	0.251	0.328	0.794	0.158	0.039	0.197	0.167	0.251	0.316	0.762
00500 RESIDUE, TOTAL (MG/L)	11/16/73-08/02/84	11	91.	99.727	198.	71.	1217.418	34.892	71.6	81.	105.	180.6
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	11	1.48	1.39	3.11	0.2	0.533	0.73	0.284	0.95	1.61	2.82
00650 PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	11	0.03	0.085	0.39	0.	0.015	0.122	0.	0.	0.11	0.358
00940 CHLORIDE,TOTAL IN WATER MG/L	11/16/73-08/02/84	11	17.	17.273	22.	14.	4.818	2.195	14.2	16.	19.	21.4
31506 COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	9	2100.	2104.444	4600.	230.	2673352.778	1635.039	230.	555.	3500.	4600.
31506 LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	9	3.322	3.153	3.663	2.362	0.214	0.463	2.362	2.716	3.521	3.663
31506 GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1422.453								
31614 FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	9	36.	72.778	430.	15.	18048.194	134.344	15.	15.	36.	430.
31614 LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	9	1.556	1.549	2.633	1.176	0.199	0.446	1.176	1.176	1.556	2.633
31614 GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			35.42								

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Annual Analysis for 1977 - Station GREE0050

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00075 TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	11/16/73-12/12/77	9	7.	6.	14.	0.	23.	4.796	0.	1.5	9.5	14.
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/73-12/01/80	9	140.	148.333	180.	115.	455.25	21.337	115.	136.	168.5	180.
00403 PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	9	6.4	6.344	6.5	6.1	0.03	0.174	6.1	6.15	6.5	6.5
00403 CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	9	6.4	6.312	6.5	6.1	0.031	0.177	6.1	6.15	6.5	6.5
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	9	0.398	0.487	0.794	0.316	0.042	0.204	0.316	0.316	0.713	0.794
00500 RESIDUE, TOTAL (MG/L)	11/16/73-08/02/84	9	102.	109.	200.	79.	1374.	37.068	79.	81.	114.5	200.
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	9	1.4	1.414	2.2	0.6	0.27	0.52	0.6	1.	1.865	2.2
00650 PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	9	0.04	0.104	0.54	0.	0.028	0.168	0.	0.015	0.1	0.54
00940 CHLORIDE,TOTAL IN WATER MG/L	11/16/73-08/02/84	9	22.	21.889	30.	16.	31.111	5.578	16.	16.5	28.	30.
31506 COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	9	2400.	7773.333	43000.	930.	181122175.	13458.164	930.	1515.	6950.	43000.
31506 LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	9	3.38	3.546	4.633	2.968	0.269	0.519	2.968	3.145	3.816	4.633
31506 GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			3519.011								
31614 FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	9	36.	935.667	7500.	15.	6079240.25	2465.612	15.	15.	330.	7500.
31614 LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	9	1.556	1.956	3.875	1.176	0.821	0.906	1.176	1.176	2.498	3.875
31614 GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			90.459								

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Annual Analysis for 1978 - Station GREE0050

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/73-12/01/80	5	165.	162.6	205.	130.	871.3	29.518	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	5	6.2	6.3	6.7	6.1	0.055	0.235	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	5	6.2	6.259	6.7	6.1	0.057	0.239	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GREE0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	5	0.631	0.551	0.794	0.2	0.05	0.222	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	11/16/73-08/02/84	5	90.	94.6	123.	76.	321.3	17.925	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	5	1.7	1.31	2.3	0.05	0.833	0.913	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	5	0.03	0.036	0.08	0.	0.001	0.038	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/16/73-08/02/84	5	20.	22.2	31.	16.	34.7	5.891	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	5	930.	966.	2400.	140.	757130.	870.132	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	5	2.968	2.819	3.38	2.146	0.212	0.46	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			659.713								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	5	36.	105.2	230.	15.	13052.7	114.248	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	5	1.556	1.726	2.362	1.176	0.36	0.6	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			53.258								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GREE0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/73-12/01/80	4	154.	160.75	195.	140.	588.917	24.268	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	4	5.95	5.95	6.	5.9	0.003	0.058	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	4	5.947	5.947	6.	5.9	0.003	0.058	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	4	1.129	1.129	1.259	1.	0.022	0.149	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	11/16/73-08/02/84	4	111.	117.25	142.	105.	280.917	16.761	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	4	1.6	1.5	2.1	0.7	0.367	0.606	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	4##	0.015	0.303	1.18	0.	0.342	0.585	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/16/73-08/02/84	4	25.5	28.25	38.	24.	44.25	6.652	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	4	6800.	7257.5	15000.	430.	39826558.333	6310.829	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	4	3.801	3.603	4.176	2.633	0.468	0.684	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			4007.539								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	4	36.	83.	230.	30.	9612.	98.041	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	4	1.556	1.738	2.362	1.477	0.174	0.418	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			54.684								

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Annual Analysis for 1980 - Station GREE0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/73-12/01/80	4	177.	176.	190.	160.	184.	13.565	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	4	6.1	6.15	6.4	6.	0.03	0.173	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	4	6.1	6.127	6.4	6.	0.031	0.175	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	4	0.794	0.747	1.	0.398	0.063	0.252	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	11/16/73-08/02/84	4	122.	122.	149.	95.	488.667	22.106	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	4	1.45	1.55	2.1	1.2	0.15	0.387	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	2	0.095	0.095	0.15	0.04	0.006	0.078	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	11/16/73-08/02/84	4	25.5	23.	34.	7.	131.333	11.46	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GREE0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00500	RESIDUE, TOTAL (MG/L)	11/16/73-08/02/84	1	113.	113.	113.	113.	0.	0.	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	11/16/73-08/02/84	1	21.	21.	21.	21.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station GREE0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/16/73-08/02/84	10	20.05	20.31	28.	14.	12.228	3.497	14.4	18.75	21.25	27.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/16/73-08/02/84	11	26.	25.418	33.	14.	24.604	4.96	15.4	23.6	29.	32.2
00032	CLOUD COVER (PERCENT)	11/16/73-08/02/84	13	50.	46.154	100.	0.	1963.141	44.307	0.	0.	100.	100.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/73-12/01/80	14	148.5	148.714	183.	114.	438.835	20.948	117.5	133.5	170.	179.
00300	OXYGEN, DISSOLVED MG/L	11/16/73-12/01/80	10	7.9	8.22	11.	6.	1.973	1.405	6.12	7.275	9.175	10.8
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/26/75-08/02/84	10	87.15	91.34	139.2	66.7	375.656	19.382	67.96	79.825	95.7	135.51
00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/73-08/02/84	14	0.75	1.143	2.9	0.	0.912	0.955	0.	0.425	1.975	2.65
00400	PH (STANDARD UNITS)	11/16/73-08/02/84	10	7.1	7.11	7.6	6.6	0.065	0.256	6.64	7.	7.225	7.57
00400	CONVERTED PH (STANDARD UNITS)	11/16/73-08/02/84	10	7.1	7.04	7.6	6.6	0.071	0.266	6.64	7.	7.225	7.57
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-08/02/84	10	0.079	0.091	0.251	0.025	0.004	0.061	0.028	0.06	0.1	0.236
00403	PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	14	6.7	6.736	7.3	6.	0.116	0.341	6.2	6.55	7.	7.25
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	14	6.7	6.603	7.3	6.	0.135	0.368	6.2	6.55	7.	7.25
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	14	0.2	0.25	1.	0.05	0.058	0.241	0.057	0.1	0.288	0.699
00500	RESIDUE, TOTAL (MG/L)	11/16/73-08/02/84	15	114.	119.533	195.	85.	782.267	27.969	91.6	99.	128.	174.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	14	1.22	1.181	2.41	0.05	0.354	0.595	0.325	0.68	1.373	2.23
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	13	0.14	0.147	0.5	0.	0.02	0.141	0.	0.025	0.215	0.42
00940	CHLORIDE,TOTAL IN WATER MG/L	11/16/73-08/02/84	15	17.	18.067	24.	9.	17.352	4.166	12.	16.	21.	24.
01027	CADMIUM, TOTAL (UG/L AS CD)	11/16/73-08/02/84	12 ##	2.5	2.967	10.	0.	9.75	3.122	0.	0.	5.	8.5
01042	COPPER, TOTAL (UG/L AS CU)	11/16/73-12/01/80	11	0.	6.818	30.	0.	141.364	11.89	0.	0.	10.	30.
01051	LEAD, TOTAL (UG/L AS PB)	11/16/73-08/02/84	12 ##	5.	11.333	30.	0.	148.606	12.19	0.	2.	25.	30.
01075	SILVER, DISSOLVED (UG/L AS AG)	11/16/73-12/01/80	11 ##	5.	7.591	51.	0.	217.341	14.742	0.	0.	5.	42.8
01092	ZINC, TOTAL (UG/L AS ZN)	11/16/73-12/01/80	11	20.	25.	60.	0.	365.	19.105	0.	5.	40.	56.
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	11	4300.	14319.091	46000.	910.	260014809.091	16124.975	1208.	4300.	21000.	45400.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	11	3.633	3.886	4.663	2.959	0.284	0.533	3.043	3.633	4.322	4.657
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			7692.664								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	11	230.	1383.045	7500.	1.5	4903483.223	2214.381	8.4	36.	2300.	6460.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	11	2.362	2.448	3.875	0.176	1.135	1.065	0.452	1.556	3.362	3.772
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			280.739								
71900	MERCURY, TOTAL (UG/L AS HG)	11/16/73-08/02/84	12 ##	0.1	0.146	0.4	0.05	0.012	0.11	0.05	0.063	0.2	0.37
74010	IRON, TOTAL (MG/L AS FE)	11/16/73-12/01/80	9	1.51	2.443	7.51	0.95	4.388	2.095	0.95	1.015	3.05	7.51

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station GREE0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/16/73-08/02/84	27	6.	4.704	16.	-1.	17.14	4.14	1.8	3.	9.	12.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/16/73-08/02/84	26	7.	4.5	18.	-4.	27.94	5.286	1.	2.75	-1.	12.8
00032	CLOUD COVER (PERCENT)	11/16/73-08/02/84	27	50.	45.37	100.	0.	1828.704	42.763	0.	0.	100.	100.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/73-12/01/80	29	155.	158.241	235.	100.	761.404	27.594	124.	141.5	175.	195.
00300	OXYGEN, DISSOLVED MG/L	11/16/73-12/01/80	27	11.7	11.481	13.8	8.3	2.135	1.461	9.08	10.6	12.4	13.6
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/26/75-08/02/84	21	86.3	87.771	100.8	79.3	36.276	6.023	80.4	83.8	91.05	99.1
00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/73-08/02/84	30	1.4	1.61	4.5	0.5	0.811	0.901	0.62	1.05	1.875	3.03
00400	PH (STANDARD UNITS)	11/16/73-08/02/84	27	6.8	6.804	8.2	6.4	0.131	0.362	6.4	6.6	7.	7.04
00400	CONVERTED PH (STANDARD UNITS)	11/16/73-08/02/84	27	6.8	6.706	8.2	6.4	0.141	0.376	6.4	6.6	7.	7.04
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-08/02/84	27	0.158	0.197	0.398	0.006	0.013	0.112	0.093	0.1	0.251	0.398
00403	PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	31	6.6	6.452	7.1	5.9	0.085	0.292	6.02	6.2	6.7	6.7
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	31	6.6	6.356	7.1	5.9	0.095	0.308	6.02	6.2	6.7	6.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	31	0.251	0.441	1.259	0.079	0.095	0.308	0.2	0.2	0.631	0.959
00500	RESIDUE, TOTAL (MG/L)	11/16/73-08/02/84	31	95.	102.484	200.	46.	955.058	30.904	71.6	85.	115.	141.2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	31	1.66	1.875	3.53	1.	0.41	0.641	1.236	1.48	2.1	3.024
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	30	0.105	0.168	1.18	0.	0.054	0.232	0.	0.03	0.223	0.384
00940	CHLORIDE, TOTAL IN WATER MG/L	11/16/73-08/02/84	31	22.	21.806	44.	7.	57.828	7.604	13.2	17.	27.	30.8
01027	CADMIUM, TOTAL (UG/L AS CD)	11/16/73-08/02/84	24 ##	2.5	2.75	5.	0.	5.043	2.246	0.	0.	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	11/16/73-12/01/80	25	0.	8.08	80.	0.	413.41	20.332	0.	0.	3.5	50.
01051	LEAD, TOTAL (UG/L AS PB)	11/16/73-08/02/84	25 ##	5.	10.52	36.	0.	151.177	12.295	0.	0.	25.	27.8
01075	SILVER, DISSOLVED (UG/L AS AG)	11/16/73-12/01/80	25 ##	5.	2.992	7.	0.	6.185	2.487	0.	0.	5.	5.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station GREE0050

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01092 ZINC, TOTAL (UG/L AS ZN)	11/16/73-12/01/80	25	20.	68.2	1000.	0.	40092.25	200.23	0.	1.5	40.	130.
31506 COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	29	1500.	3336.897	24000.	140.	31850100.739	5643.589	230.	750.	2400.	9300.
31506 LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	29	3.176	3.175	4.38	2.146	0.289	0.538	2.362	2.875	3.38	3.968
31506 GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1495.581								
31614 FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	29	36.	421.69	9300.	15.	2950230.579	1717.624	15.	15.	145.	430.
31614 LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	29	1.556	1.728	3.968	1.176	0.444	0.666	1.176	1.176	2.161	2.633
31614 GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			53.416								
71900 MERCURY, TOTAL (UG/L AS HG)	11/16/73-08/02/84	25 ##	0.1	0.258	1.8	0.05	0.152	0.39	0.05	0.05	0.225	0.84
74010 IRON, TOTAL (MG/L AS FE)	11/16/73-12/01/80	31	0.59	0.719	1.78	0.14	0.162	0.402	0.344	0.46	0.94	1.524

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GREE0050

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/16/73-08/02/84	10	12.5	12.9	20.	7.	17.878	4.228	7.2	9.75	17.25	19.8
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/16/73-08/02/84	11	19.	18.273	42.	5.	127.018	11.27	5.2	7.	25.	38.6
00032 CLOUD COVER (PERCENT)	11/16/73-08/02/84	11	25.	43.182	100.	0.	1886.364	43.432	0.	0.	100.	100.
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/73-12/01/80	15	136.	140.067	190.	116.	338.638	18.402	120.8	128.	150.	170.8
00300 OXYGEN, DISSOLVED MG/L	11/16/73-12/01/80	10	10.7	10.72	13.	9.1	1.646	1.283	9.1	9.4	11.525	12.92
00301 OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/26/75-08/02/84	7	97.9	98.	115.1	85.8	106.543	10.322	**	**	**	**
00310 BOD, 5 DAY, 20 DEG C MG/L	11/16/73-08/02/84	14	1.1	1.157	3.9	0.2	0.815	0.903	0.25	0.55	1.425	2.75
00400 PH (STANDARD UNITS)	11/16/73-08/02/84	11	7.	6.909	7.5	6.2	0.137	0.37	6.26	6.5	7.1	7.44
00400 CONVERTED PH (STANDARD UNITS)	11/16/73-08/02/84	11	7.	6.753	7.5	6.2	0.164	0.405	6.26	6.5	7.1	7.44
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-08/02/84	11	0.1	0.177	0.631	0.032	0.032	0.178	0.038	0.079	0.316	0.568
00403 PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	15	6.5	6.62	7.4	5.9	0.207	0.455	6.02	6.3	7.	7.34
00403 CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	15	6.5	6.426	7.4	5.9	0.248	0.498	6.02	6.3	7.	7.34
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	15	0.316	0.375	1.259	0.04	0.12	0.346	0.046	0.1	0.501	0.98
00500 RESIDUE, TOTAL (MG/L)	11/16/73-08/02/84	14	106.	105.286	198.	53.	1346.22	36.691	57.	80.5	117.	173.5
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	15	1.5	1.643	4.52	0.2	1.011	1.005	0.5	1.	1.96	3.278
00650 PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	15	0.07	0.123	0.82	0.	0.041	0.203	0.	0.03	0.12	0.472
00940 CHLORIDE, TOTAL IN WATER MG/L	11/16/73-08/02/84	15	18.	19.2	34.	14.	26.886	5.185	14.6	16.	21.	29.8
01027 CADMIUM, TOTAL (UG/L AS CD)	11/16/73-08/02/84	14 ##	3.75	2.75	5.	0.	5.875	2.424	0.	0.	5.	5.
01042 COPPER, TOTAL (UG/L AS CU)	11/16/73-12/01/80	14	0.	3.	12.	0.	20.615	4.54	0.	0.	6.25	11.
01051 LEAD, TOTAL (UG/L AS PB)	11/16/73-08/02/84	14 ##	5.	12.5	50.	0.	225.962	15.032	0.	0.	25.	37.5
01075 SILVER, DISSOLVED (UG/L AS AG)	11/16/73-12/01/80	14 ##	5.	3.036	5.	0.	5.941	2.437	0.	0.	5.	5.
01092 ZINC, TOTAL (UG/L AS ZN)	11/16/73-12/01/80	14	20.	31.679	250.	0.	4181.37	64.664	0.	0.	30.	150.
31506 COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	14	4450.	5870.714	24000.	430.	37932360.989	6158.925	430.	1357.5	9300.	16650.
31506 LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	14	3.648	3.532	4.38	2.633	0.274	0.523	2.633	3.124	3.968	4.174
31506 GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			3402.123								
31614 FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	14	123.	529.071	4300.	15.	1279960.379	1131.353	15.	15.	555.	2615.
31614 LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	14	1.939	2.017	3.633	1.176	0.7	0.836	1.176	1.176	2.717	3.301
31614 GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			104.071								
71900 MERCURY, TOTAL (UG/L AS HG)	11/16/73-08/02/84	12 ##	0.05	0.108	0.4	0.	0.019	0.14	0.	0.05	0.1	0.4
74010 IRON, TOTAL (MG/L AS FE)	11/16/73-12/01/80	13	0.62	0.695	1.25	0.28	0.081	0.285	0.34	0.475	0.95	1.182

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GREE0051

NPS Station ID: GREE0051 LAT/LON: 39.068615/ -76.954448

Location: UNK TRIB THRU FAIRLAND LANDFILL

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 02070010

Major Basin: NORTH ATLANTIC

Minor Basin: POTOMAC RIVER

RF1 Index: 02070010

RF3 Index: 02070010066400.00

Description:

STATION ESTABLISHED ON UNNAMED TRIBUTARY 150 FEET SOUTH OF FAIRLAND LANDFILL ACCESS ROAD AND 100 YARDS UP STREAM FROM SEDIMENTATION BASIN
OUTFALL. THIS LOCATION IS AT THE EXIT END OF A CLOSED STORM DRAIN. ESTABLISHED OCTOBER 1973.

Agency: 21MDMONT

FIPS State/County: 24031 MARYLAND/MONTGOMERY

STORET Station ID(s): 59070

Within Park Boundary: No

Date Created: / /

Depth of Water: 999

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 0.98

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 13.00

Distance from RF3: 0.23

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: GREE0051

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/16/73-12/01/80	46	8.	8.783	21.	-1.	43.729	6.613	0.7	4.	15.25	19.
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/16/73-12/01/80	47	9.	11.383	40.	-4.	118.763	10.898	0.	4.	21.	26.
00032 CLOUD COVER (PERCENT)	11/16/73-12/01/80	50	25.	42.	100.	0.	1694.898	41.169	0.	0.	81.25	100.
00075 TURBIDITY, HELLOGE (PPM AS SILICON DIOXIDE)	11/16/73-12/12/77	45	7.	10.033	44.	0.	97.777	9.888	1.6	4.	12.	22.4
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/16/78-12/01/80	13	8.7	9.385	22.	3.	31.76	5.636	3.28	4.3	13.5	19.2
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/16/76-12/14/76	2	217.5	217.5	235.	200.	612.5	24.749	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/73-12/01/80	55	220.	233.727	460.	95.	5324.387	72.968	153.	180.	275.	340.
00300 OXYGEN, DISSOLVED MG/L	11/16/73-12/01/80	46	9.7	9.333	13.8	2.4	6.576	2.564	6.2	7.3	11.15	12.4
00301 OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/26/75-12/01/80	37	78.4	76.53	97.2	25.8	209.395	14.47	59.8	68.55	85.3	92.68
00310 BOD, 5 DAY, 20 DEG C MG/L	11/16/73-12/01/80	59	1.6	1.808	6.	0.3	1.194	1.093	0.6	1.1	2.2	3.2
00400 PH (STANDARD UNITS)	11/16/73-12/01/80	47	6.5	6.54	7.2	5.5	0.122	0.35	6.08	6.4	6.7	7.
00400 CONVERTED PH (STANDARD UNITS)	11/16/73-12/01/80	47	6.5	6.369	7.2	5.5	0.153	0.391	6.08	6.4	6.7	7.
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	47	0.316	0.428	3.162	0.063	0.317	0.563	0.1	0.2	0.398	0.835
00403 PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	59	6.7	6.663	7.4	6.	0.109	0.331	6.2	6.4	6.9	7.1
00403 CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	59	6.7	6.544	7.4	6.	0.124	0.352	6.2	6.4	6.9	7.1
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	59	0.2	0.286	1.	0.04	0.047	0.218	0.079	0.126	0.398	0.631
00500 RESIDUE, TOTAL (MG/L)	07/24/74-12/01/80	50	132.	143.68	320.	75.	2159.283	46.468	91.6	113.5	169.25	208.6
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/05/76-01/05/76	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL I DET. (MG/L AS N)	11/16/73-12/01/80	59	1.3	1.37	3.02	0.	0.355	0.596	0.75	1.	1.67	2.3
00650 PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	55	0.1	0.197	3.12	0.	0.202	0.449	0.	0.04	0.14	0.406
00940 CHLORIDE,TOTAL IN WATER MG/L	07/24/74-12/01/80	48	17.	22.667	83.	8.	191.248	13.829	11.9	16.	23.75	42.
01027 CADMIUM, TOTAL (UG/L AS CD)	12/18/74-12/18/74	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	12/18/74-12/18/74	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01051 LEAD, TOTAL (UG/L AS PB)	12/18/74-12/18/74	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01075 SILVER, DISSOLVED (UG/L AS AG)	12/18/74-12/18/74	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	12/18/74-12/18/74	1	100.	100.	100.	100.	0.	0.	**	**	**	**
31505 COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/21/80-12/01/80	4	580.	2672.5	9300.	230.	19630558.333	4430.639	**	**	**	**
31505 LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/21/80-12/01/80	4	2.665	2.915	3.968	2.362	0.575	0.758	**	**	**	**
31505 GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			822.442								
31506 COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	53	930.	14620.057	460000.	36.	4221810318.324	64975.459	174.	330.	4100.	18800.
31506 LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	53	2.968	3.065	5.663	1.556	0.701	0.837	2.235	2.498	3.612	4.245
31506 GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1162.56								
31614 FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	53	36.	949.151	21000.	1.5	11645153.352	3412.5	15.	15.	150.	1552.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GREE0051

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31614 LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	53	1.556	1.816	4.322	0.176	0.73	0.854	1.176	1.176	2.176	3.07
31614 GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			65.42								
31615 FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/21/80-12/01/80	4	133.	302.75	930.	15.	184230.25	429.221	**	**	**	**
31615 LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/21/80-12/01/80	4	1.959	2.016	2.968	1.176	0.648	0.805	**	**	**	**
31615 GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			103.67								
71886 PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/24/80-12/01/80	2	0.225	0.225	0.29	0.16	0.008	0.092	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	12/18/74-12/18/74	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
74010 IRON, TOTAL (MG/L AS FE)	09/04/74-12/01/80	42	2.13	2.535	7.28	0.18	2.097	1.448	1.086	1.705	3.283	4.389

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EPA Water Quality Criteria Analysis for Station: GREE0051

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
00076 TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	13	0	0.00	3	0	0.00	7	0	0.00	3	0	0.00			
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	46	1	0.02	9	1	0.11	27	0	0.00	10	0	0.00			
00400 PH	Fresh Chronic	9.	47	0	0.00	9	0	0.00	27	0	0.00	11	0	0.00			
	Other-Lo Lim.	6.5	47	24	0.51	9	4	0.44	27	14	0.52	11	6	0.55			
00403 PH, LAB	Fresh Chronic	9.	59	0	0.00	13	0	0.00	31	0	0.00	15	0	0.00			
	Other-Lo Lim.	6.5	59	22	0.37	13	3	0.23	31	14	0.45	15	5	0.33			
00630 NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	59	0	0.00	13	0	0.00	31	0	0.00	15	0	0.00			
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	48	0	0.00	12	0	0.00	25	0	0.00	11	0	0.00			
	Drinking Water	250.	48	0	0.00	12	0	0.00	25	0	0.00	11	0	0.00			
01027 CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00												
	Drinking Water	5.	0 &	0	0.00												
01042 COPPER, TOTAL	Fresh Acute	18.	1	0	0.00				1	0	0.00						
	Drinking Water	1300.	1	0	0.00				1	0	0.00						
01051 LEAD, TOTAL	Fresh Acute	82.	1	0	0.00				1	0	0.00						
	Drinking Water	15.	0 &	0	0.00												
01075 SILVER, DISSOLVED	Fresh Acute	4.1	0 &	0	0.00												
	Drinking Water	100.	1	0	0.00				1	0	0.00						
01092 ZINC, TOTAL	Fresh Acute	120.	1	0	0.00				1	0	0.00						
	Drinking Water	5000.	1	0	0.00				1	0	0.00						
31505 COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	4	1	0.25	1	1	1.00	2	0	0.00	1	0	0.00			
31506 COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	53	22	0.42	10	9	0.90	29	6	0.21	14	7	0.50			
31614 FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	53	12	0.23	10	4	0.40	29	3	0.10	14	5	0.36			
31615 FECAL COLIFORM, MPN	Other-Hi Lim.	200.	4	2	0.50	1	1	1.00	2	0	0.00	1	1	1.00			
71900 MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00				1	0	0.00						
	Drinking Water	2.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station GREE0051

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00075	TURBIDITY, HELLOGE (PPM AS SILICON DIOXIDE)	3	12.	13.	26.	1.	157.	12.53	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	3	1.	1.567	3.2	0.5	2.063	1.436	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	3	6.8	6.633	6.8	6.3	0.083	0.289	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	3	6.8	6.564	6.8	6.3	0.09	0.301	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	3	0.158	0.273	0.501	0.158	0.039	0.198	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	3	1.25	1.553	2.33	1.08	0.46	0.678	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	3	0.34	0.31	0.38	0.21	0.008	0.089	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	3	750.	25393.333	75000.	430.	1845641633.333	42960.931	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	3	2.875	3.461	4.875	2.633	1.514	1.23	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =		2891.991								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	3 ##	15.	2143.333	6400.	15.	13589408.333	3686.381	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	3 ##	1.176	2.053	3.806	1.176	2.306	1.518	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =		112.924								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GREE0051

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00075	TURBIDITY, HELLOGE (PPM AS SILICON DIOXIDE)	13	9.	13.769	44.	2.	189.026	13.749	2.8	6.	14.5	43.6
00310	BOD, 5 DAY, 20 DEG C MG/L	13	1.5	1.646	2.9	0.5	0.653	0.808	0.54	1.	2.35	2.86
00403	PH, LAB, STANDARD UNITS SU	13	6.9	6.885	7.4	6.5	0.085	0.291	6.5	6.6	7.1	7.36
00403	CONVERTED PH, LAB, STANDARD UNITS	13	6.9	6.802	7.4	6.5	0.092	0.304	6.5	6.6	7.1	7.36
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	13	0.126	0.158	0.316	0.04	0.009	0.096	0.044	0.079	0.251	0.316
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	13	1.64	1.801	3.02	0.89	0.513	0.716	0.898	1.14	2.42	2.932
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	13	0.13	0.205	0.62	0.05	0.03	0.172	0.062	0.095	0.33	0.544
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	13	2300.	10536.923	110000.	230.	899736473.077	29995.608	230.	430.	4300.	69720.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	13	3.362	3.201	5.041	2.362	0.594	0.771	2.362	2.633	3.633	4.612
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =		1590.328								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	13	36.	1672.154	21000.	15.	33726922.808	5807.489	15.	22.5	120.5	12660.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	13	1.556	1.856	4.322	1.176	0.676	0.822	1.176	1.327	2.068	3.464
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =		71.806								

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Annual Analysis for 1975 - Station GREE0051

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00075	TURBIDITY, HELLOGE (PPM AS SILICON DIOXIDE)	9	9.	9.889	20.	4.	32.611	5.711	4.	5.	14.5	20.
00310	BOD, 5 DAY, 20 DEG C MG/L	10	2.25	2.53	4.9	1.1	1.922	1.386	1.11	1.275	3.875	4.85
00403	PH, LAB, STANDARD UNITS SU	10	6.9	6.95	7.2	6.7	0.045	0.212	6.7	6.7	7.2	7.2
00403	CONVERTED PH, LAB, STANDARD UNITS	10	6.9	6.905	7.2	6.7	0.047	0.217	6.7	6.7	7.2	7.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10	0.126	0.124	0.2	0.063	0.003	0.058	0.063	0.063	0.2	0.2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10	1.61	1.597	1.93	1.17	0.056	0.236	1.186	1.42	1.793	1.92
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10	0.115	0.122	0.2	0.05	0.002	0.049	0.053	0.08	0.16	0.199
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10	1500.	3880.	24000.	210.	52156977.778	7221.979	212.	380.	4000.	22030.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10	3.176	3.127	4.38	2.322	0.425	0.652	2.326	2.566	3.602	4.306
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =		1339.534								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10	63.5	339.95	2300.	1.5	493004.469	702.143	2.85	26.25	280.	2113.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10	1.758	1.862	3.362	0.176	0.778	0.882	0.276	1.402	2.43	3.289
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =		72.771								

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Annual Analysis for 1976 - Station GREE0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00075	TURBIDITY, HELLOG (PPM AS SILICON DIOXIDE)	11/16/73-12/12/77	11	7.	8.636	34.	1.	90.655	9.521	1.	2.	8.	30.6
00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/73-12/01/80	11	1.6	2.1	6.	0.6	2.282	1.511	0.7	1.2	2.5	5.5
00403	PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	11	6.8	6.736	7.	6.3	0.043	0.206	6.34	6.6	6.9	6.98
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	11	6.8	6.687	7.	6.3	0.045	0.213	6.34	6.6	6.9	6.98
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	11	0.158	0.206	0.501	0.1	0.014	0.117	0.105	0.126	0.251	0.464
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	11	0.83	0.81	1.6	0.	0.198	0.444	0.022	0.75	1.03	1.514
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	9	0.11	0.457	3.12	0.03	1.012	1.006	0.03	0.045	0.285	3.12
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	9	930.	2586.222	11000.	36.	11978698.444	3461.026	36.	490.	3500.	11000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	9	2.968	3.022	4.041	1.556	0.54	0.735	1.556	2.618	3.521	4.041
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1051.055								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	9	36.	561.444	4600.	15.	2298461.778	1516.068	15.	15.	160.5	4600.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	9	1.556	1.756	3.663	1.176	0.684	0.827	1.176	1.176	2.16	3.663
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			56.965								

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Annual Analysis for 1977 - Station GREE0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	11/16/73-12/12/77	9	4.	5.5	12.	0.	17.25	4.153	0.	2.75	10.	12.
00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/73-12/01/80	9	1.2	1.389	2.4	0.3	0.371	0.609	0.3	1.05	1.8	2.4
00403	PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	9	6.5	6.422	6.7	6.1	0.037	0.192	6.1	6.25	6.55	6.7
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	9	6.5	6.383	6.7	6.1	0.039	0.197	6.1	6.25	6.55	6.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	9	0.316	0.414	0.794	0.2	0.038	0.194	0.2	0.284	0.566	0.794
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	9	1.02	1.354	2.3	0.6	0.316	0.562	0.6	1.	1.835	2.3
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	9	0.04	0.051	0.14	0.	0.002	0.04	0.	0.03	0.07	0.14
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	9	930.	54211.222	460000.	91.23216172305.944	152368.541	91.	190.	12465.	460000.	
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	9	2.968	3.139	5.663	1.959	1.379	1.174	1.959	2.269	3.674	5.663
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1377.371								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	9 ##	15.	1410.278	12000.	1.5	15785479.069	3973.094	1.5	15.	270.	12000.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	9 ##	1.176	1.743	4.079	0.176	1.269	1.126	0.176	1.176	2.384	4.079
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			55.319								

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Annual Analysis for 1978 - Station GREE0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/73-12/01/80	5	1.7	1.5	2.2	0.7	0.445	0.667	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	5	6.4	6.44	6.7	6.1	0.053	0.23	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	5	6.4	6.389	6.7	6.1	0.056	0.237	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	5	0.398	0.408	0.794	0.2	0.054	0.233	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	5	1.3	1.46	1.9	1.2	0.083	0.288	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	5	230.	1167.2	4600.	36.	3817229.2	1953.773	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	5	2.362	2.43	3.663	1.556	0.816	0.903	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			269.319								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	5 ##	15.	73.	230.	15.	8757.5	93.582	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	5 ##	1.176	1.569	2.362	1.176	0.31	0.557	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			37.055								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GREE0051

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310 BOD, 5 DAY, 20 DEG C MG/L	11/16/73-12/01/80	4	1.75	1.95	2.7	1.6	0.257	0.507	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	4	6.25	6.225	6.3	6.1	0.009	0.096	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	4	6.247	6.217	6.3	6.1	0.009	0.096	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	4	0.566	0.607	0.794	0.501	0.019	0.139	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	4	1.35	1.3	1.4	1.1	0.02	0.141	**	**	**	**
00650 PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	4 ##	0.015	0.328	1.28	0.	0.403	0.635	**	**	**	**
31506 COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	4	680.	1472.5	4300.	230.	3639891.667	1907.85	**	**	**	**
31506 LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	4	2.801	2.899	3.633	2.362	0.301	0.549	**	**	**	**
31506 GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			793.025								
31614 FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	4	80.5	156.75	430.	36.	33698.25	183.571	**	**	**	**
31614 LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	4	1.902	1.998	2.633	1.556	0.208	0.456	**	**	**	**
31614 GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			99.65								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GREE0051

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310 BOD, 5 DAY, 20 DEG C MG/L	11/16/73-12/01/80	4	1.	1.1	1.8	0.6	0.28	0.529	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	4	6.3	6.3	6.6	6.	0.067	0.258	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	4	6.289	6.244	6.6	6.	0.071	0.266	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	4	0.515	0.57	1.	0.251	0.107	0.326	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	4	0.75	0.8	1.2	0.5	0.087	0.294	**	**	**	**
00650 PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	2	0.08	0.08	0.12	0.04	0.003	0.057	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station GREE0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/16/73-12/01/80	9	19.	18.333	21.	13.	5.	2.236	13.	18.	19.5	21.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/16/73-12/01/80	10	26.	24.4	29.	13.	20.711	4.551	13.8	23.25	26.5	28.9
00032	CLOUD COVER (PERCENT)	11/16/73-12/01/80	12	12.5	31.25	100.	0.	1377.841	37.119	0.	0.	68.75	92.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/73-12/01/80	13	240.	264.615	460.	165.	8268.59	90.932	165.	187.5	335.	420.
00300	OXYGEN, DISSOLVED MG/L	11/16/73-12/01/80	9	6.2	6.222	8.9	2.4	3.172	1.781	2.4	5.6	7.15	8.9
00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/73-12/01/80	13	1.7	1.938	6.	0.3	1.984	1.409	0.38	1.2	2.4	4.68
00400	PH (STANDARD UNITS)	11/16/73-12/01/80	9	6.7	6.522	7.	5.5	0.202	0.449	5.5	6.35	6.8	7.
00400	CONVERTED PH (STANDARD UNITS)	11/16/73-12/01/80	9	6.7	6.234	7.	5.5	0.295	0.543	5.5	6.35	6.8	7.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	9	0.2	0.583	3.162	0.1	0.96	0.98	0.1	0.163	0.474	3.162
00403	PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	13	6.7	6.769	7.4	6.1	0.137	0.371	6.18	6.55	7.	7.36
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	13	6.7	6.628	7.4	6.1	0.159	0.399	6.18	6.55	7.	7.36
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	13	0.2	0.235	0.794	0.04	0.044	0.209	0.044	0.103	0.284	0.677
00500	RESIDUE, TOTAL (MG/L)	07/24/74-12/01/80	13	137.	151.692	223.	114.	1078.397	32.839	116.8	127.	177.5	212.2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	13	1.22	1.191	2.13	0.	0.314	0.561	0.24	0.805	1.525	2.05
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	12	0.11	0.353	3.12	0.	0.764	0.874	0.	0.058	0.14	2.265
00940	CHLORIDE, TOTAL IN WATER MG/L	07/24/74-12/01/80	12	17.	19.417	32.	10.	50.447	7.103	10.3	14.25	25.25	31.4
31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	10	4300.	60243.	460000.	230.20843160267.778	144371.605	357.	3300.	34475.	425000.	
31506	LOG COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	10	3.633	3.836	5.663	2.362	0.848	0.921	2.443	3.487	4.237	5.601
31506	GM COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			6862.274								
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	11/16/73-12/03/79	10	150.	3391.85	21000.	1.5	52234979.447	7227.377	4.35	34.5	3172.5	20100.
31614	LOG FECAL COLIFORM, MPN, TUBE CONFIGURATION	11/16/73-12/03/79	10	2.176	2.265	4.322	0.176	1.46	1.208	0.306	1.537	2.791	4.298
31614	GM FECAL COLIFORM, MPN, TUBE CONFIGURATION	GEOMETRIC MEAN =			183.891								
74010	IRON, TOTAL (MG/L AS FE)	09/04/74-12/01/80	9	2.37	2.722	4.5	1.08	1.477	1.215	1.08	1.81	4.01	4.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station GREE0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/16/73-12/01/80	27	5.	4.407	15.	-1.	14.712	3.836	0.	2.	8.	14
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/16/73-12/01/80	26	5.5	3.962	18.	-4.	29.878	5.466	0.	0.	9.	2.3
00032	CLOUD COVER (PERCENT)	11/16/73-12/01/80	27	25.	46.296	100.	0.	1812.678	42.576	0.	0.	100.	100.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/73-12/01/80	29	235.	234.69	390.	95.	5397.222	73.466	137.	177.5	300.	340.
00300	OXYGEN, DISSOLVED MG/L	11/16/73-12/01/80	27	10.8	10.478	13.8	4.3	5.039	2.245	7.14	9.4	12.4	13.28
00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/73-12/01/80	31	1.8	1.868	4.9	0.5	0.99	0.995	0.62	1.1	2.5	3.14
00400	PH (STANDARD UNITS)	11/16/73-12/01/80	27	6.5	6.533	7.	5.6	0.082	0.287	6.08	6.5	6.7	6.84
00400	CONVERTED PH (STANDARD UNITS)	11/16/73-12/01/80	27	6.5	6.408	7.	5.6	0.099	0.314	6.08	6.5	6.7	6.84
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	27	0.316	0.391	2.512	0.1	0.216	0.465	0.147	0.2	0.316	0.835
00403	PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	31	6.7	6.587	7.1	6.	0.082	0.286	6.2	6.3	6.8	6.9
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	31	6.7	6.494	7.1	6.	0.091	0.301	6.2	6.3	6.8	6.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	31	0.2	0.32	1.	0.079	0.05	0.223	0.126	0.158	0.501	0.631
00500	RESIDUE, TOTAL (MG/L)	07/24/74-12/01/80	25	138.	152.56	320.	75.	3088.09	55.571	90.6	116.	178.5	236.2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	31	1.4	1.407	2.8	0.5	0.285	0.533	0.83	1.	1.64	2.324
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	28	0.08	0.161	1.28	0.	0.064	0.252	0.	0.033	0.188	0.394
00940	CHLORIDE, TOTAL IN WATER MG/L	07/24/74-12/01/80	25	19.	26.44	83.	8.	316.423	17.788	11.2	16.5	36.	55.
31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	29	430.	4873.207	75000.	36.	218784430.527	14791.363	40.	230.	930.	24000.
31506	LOG COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	29	2.633	2.759	4.875	1.556	0.639	0.799	1.602	2.362	2.968	4.38
31506	GM COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			574.146								
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	11/16/73-12/03/79	29 ##	15.	342.362	6400.	1.5	1537774.195	1240.07	15.	15.	53.	390.
31614	LOG FECAL COLIFORM, MPN, TUBE CONFIGURATION	11/16/73-12/03/79	29 ##	1.176	1.544	3.806	0.176	0.509	0.714	1.176	1.176	1.701	2.591
31614	GM FECAL COLIFORM, MPN, TUBE CONFIGURATION	GEOMETRIC MEAN =			34.99								
74010	IRON, TOTAL (MG/L AS FE)	09/04/74-12/01/80	24	2.265	2.743	7.28	0.3	2.72	1.649	1.085	1.578	3.665	5.365

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GREE0051

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/16/73-12/01/80	10	11.5	12.	17.	8.	11.556	3.399	8.	8.75	16.	16.9
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/16/73-12/01/80	11	17.	17.091	40.	5.	104.491	10.222	5.2	8.	21.	37.
00032 CLOUD COVER (PERCENT)	11/16/73-12/01/80	11	25.	43.182	100.	0.	1886.364	43.432	0.	0.	100.	100.
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/73-12/01/80	13	195.	200.692	240.	144.	879.564	29.657	154.4	175.	225.	240.
00300 OXYGEN, DISSOLVED MG/L	11/16/73-12/01/80	10	9.	9.04	10.6	6.9	1.798	1.341	6.98	7.925	10.425	10.59
00310 BOD, 5 DAY, 20 DEG C MG/L	11/16/73-12/01/80	15	1.2	1.573	4.4	0.6	1.041	1.02	0.72	1.1	1.6	3.86
00400 PH (STANDARD UNITS)	11/16/73-12/01/80	11	6.4	6.573	7.2	6.	0.186	0.431	6.02	6.2	7.	7.2
00400 CONVERTED PH (STANDARD UNITS)	11/16/73-12/01/80	11	6.4	6.407	7.2	6.	0.216	0.465	6.02	6.2	7.	7.2
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	11	0.398	0.392	1.	0.063	0.099	0.315	0.063	0.1	0.631	0.959
00403 PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	15	6.6	6.727	7.2	6.1	0.132	0.363	6.16	6.5	7.1	7.2
00403 CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	15	6.6	6.589	7.2	6.1	0.152	0.39	6.16	6.5	7.1	7.2
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	15	0.251	0.258	0.794	0.063	0.047	0.216	0.063	0.079	0.316	0.696
00500 RESIDUE, TOTAL (MG/L)	07/24/74-12/01/80	12	114.	116.5	169.	79.	643.545	25.368	80.8	98.75	130.5	161.8
00630 NITRITE PLUS NITRATE, TOTAL I DET. (MG/L AS N)	11/16/73-12/01/80	15	1.33	1.45	3.02	0.11	0.551	0.742	0.494	0.89	1.98	2.672
00650 PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	15	0.1	0.14	0.62	0.	0.028	0.169	0.	0.04	0.13	0.506
00940 CHLORIDE,TOTAL IN WATER MG/L	07/24/74-12/01/80	11	17.	17.636	22.	13.	7.855	2.803	13.4	16.	21.	21.8
31506 COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	14	1215.	2222.143	11000.	430.	7557956.593	2749.174	430.	805.	2325.	7650.
31506 LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	14	3.072	3.149	4.041	2.633	0.165	0.407	2.633	2.885	3.366	3.837
31506 GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1410.375								
31614 FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	14	91.	461.286	4600.	15.	1438302.374	1199.292	15.	36.	280.	2515.
31614 LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	14	1.959	2.058	3.663	1.176	0.428	0.654	1.176	1.556	2.43	3.148
31614 GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			114.3								
74010 IRON, TOTAL (MG/L AS FE)	09/04/74-12/01/80	9	2.06	1.793	3.01	0.18	0.664	0.815	0.18	1.22	2.21	3.01

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GREE0052

NPS Station ID: GREE0052
 Location: UNK TRIB ALONG MARLOW ROAD
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02070010
 Major Basin: NORTH ATLANTIC
 Minor Basin: POTOMAC RIVER
 RF1 Index: 02070010
 RF3 Index: 02070010066400.00

LAT/LON: 39.070837/ -76.955559

Depth of Water: 999
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 0.98

Agency: 21MDMONT
 FIPS State/County: 24031 MARYLAND/MONTGOMERY
 STORET Station ID(s): 59080
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 12.70
 Distance from RF3: 0.25

On/Off RF1:
 On/Off RF3:

Description:
 STATION ESTABLISHED ON UNNAMED TRIBUTARY 250 FEET SOUTH-WEST FROM MARLOW ROAD AND 600 FEET UP STREAM FROM THE FAIRLAND LANDFILL. ESTABLISHED OCTOBER 1973.

Parameter Inventory for Station: GREE0052

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/16/73-12/01/80	47	9.	9.	24.	-1.	54.348	7.372	1.	4.	16.	20.
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/16/73-12/01/80	47	-2.	10.277	30.	-4.	106.552	10.322	0.8	5.	20.	26.
00032 CLOUD COVER (PERCENT)	11/16/73-12/01/80	50	25.	42.5	100.	0.	1817.602	42.633	0.	0.	100.	100.
00075 TURBIDITY, HELIGE (PPM AS SILICON DIOXIDE)	11/16/73-12/12/77	46	9.	11.337	31.	0.	74.712	8.644	1.7	5.	15.75	25.95
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/16/78-12/01/80	13	9.	13.323	65.	1.2	282.365	16.804	1.52	3.25	16.	48.2
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/16/76-12/14/76	2	157.5	157.5	193.	122.	2520.5	50.205	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/73-12/01/80	57	148.	174.947	480.	66.	8517.086	92.288	102.8	115.	189.	308.
00300 OXYGEN, DISSOLVED MG/L	11/16/73-12/01/80	48	9.9	9.852	13.6	5.6	3.951	1.988	7.2	8.05	11.2	12.8
00301 OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/26/75-12/01/80	38	82.95	82.692	100.	64.7	84.625	9.199	68.02	77.175	87.825	97.93
00310 BOD, 5 DAY, 20 DEG C MG/L	11/16/73-12/01/80	60	1.65	1.958	8.5	0.1	1.917	1.385	0.45	1.2	2.425	3.67
00400 PH (STANDARD UNITS)	11/16/73-12/01/80	47	7.1	7.021	7.9	6.1	0.192	0.438	6.4	6.7	7.3	7.62
00400 CONVERTED PH (STANDARD UNITS)	11/16/73-12/01/80	47	7.1	6.811	7.9	6.1	0.237	0.487	6.4	6.7	7.3	7.62
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	47	0.079	0.154	0.794	0.013	0.027	0.164	0.024	0.05	0.2	0.398
00403 PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	60	6.5	6.388	7.3	5.8	0.089	0.299	6.	6.2	6.6	6.79
00403 CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	60	6.5	6.293	7.3	5.8	0.099	0.314	6.	6.2	6.6	6.79
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	60	0.316	0.51	1.585	0.05	0.122	0.349	0.163	0.251	0.631	1.
00500 RESIDUE, TOTAL (MG/L)	11/16/73-12/01/80	58	128.	146.155	393.	12.	6596.449	81.219	86.1	94.5	161.5	300.5
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/05/76-01/05/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	60	2.305	2.332	5.22	0.5	1.043	1.021	1.173	1.585	3.048	3.638
00650 PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	57	0.1	0.222	3.59	0.	0.26	0.51	0.03	0.045	0.195	0.384
00940 CHLORIDE,TOTAL IN WATER MG/L	11/16/73-12/01/80	58	16.	26.69	119.	7.	680.779	26.092	8.9	11.75	28.	73.3
01027 CADMIUM, TOTAL (UG/L AS CD)	11/16/73-12/01/80	51 ##	3.	2.912	10.	0.	5.977	2.445	0.	0.	5.	5.
01034 CHROMIUM, TOTAL (UG/L AS CR)	03/07/77-12/01/80	20	3.75	3.375	10.	0.	13.339	3.652	0.	0.	5.	10.
01042 COPPER, TOTAL (UG/L AS CU)	11/16/73-12/01/80	52	0.	20.212	800.	0.	12267.464	110.759	0.	0.	5.	19.4
01051 LEAD, TOTAL (UG/L AS PB)	11/16/73-12/01/80	52 ##	5.	14.308	90.	0.	345.825	18.596	0.	0.	25.	25.
01067 NICKEL, TOTAL (UG/L AS NI)	12/01/80-12/01/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01075 SILVER, DISSOLVED (UG/L AS AG)	11/16/73-12/01/80	52 ##	5.	3.246	15.	0.	9.006	3.001	0.	0.	5.	5.
01092 ZINC, TOTAL (UG/L AS ZN)	11/16/73-12/01/80	52	20.5	52.548	770.	0.	14862.012	121.91	0.	4.25	50.	87.
31505 COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/21/80-12/01/80	4	4765.	8432.5	24000.	200.	126051558.333	11227.269	**	**	**	**
31505 LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150)	01/21/80-12/01/80	4	3.165	3.253	4.38	2.301	1.161	1.078	**	**	**	**
31505 GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	GEOMETRIC MEAN =			1790.041								
31506 COLIFORM,TOT,MPN,CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	54	2300.	15190.556	240000.	230.	1525611156.289	39059.073	430.	930.	7500.	44500.
31506 LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	54	3.362	3.476	5.38	2.362	0.54	0.735	2.633	2.968	3.875	4.648

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GREE0052

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =		2993.815								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	54	91.	1193.769	23000.	1.5	13789137.95	3713.373	15.	15.	3450.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	54	1.959	2.037	4.362	0.176	0.795	0.892	1.176	1.176	3.512
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =		108.942								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/21/80-12/01/80	4 ##	4657.5	5082.5	11000.	15.	34721075.	5892.459	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/21/80-12/01/80	4 ##	2.572	2.591	4.041	1.176	2.668	1.634	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =		389.506								
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/24/80-12/01/80	2	0.625	0.625	0.66	0.59	0.002	0.049	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	11/16/73-12/01/80	50 ##	0.1	0.289	4.	0.	0.404	0.636	0.05	0.05	0.213
74010	IRON, TOTAL (MG/L AS FE)	11/16/73-12/01/80	52	1.14	1.434	7.2	0.	1.843	1.358	0.296	0.658	1.608

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GREE0052

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----	-----10/15-3/31-----	-----4/01-6/30-----	-----n/a-----
00076	TURBIDITY, HACH TURBIDIMETER	50.	13	1	0.08	3	1	0	3
00300	OXYGEN, DISSOLVED	4.	48	0	0.00	10	0	0	11
00400	PH	9.	47	0	0.00	9	0	0	11
	Fresh Chronic	6.5	47	8	0.17	9	1	5	11
00403	PH, LAB	9.	60	0	0.00	14	0	0	15
	Other-Lo Lim.	6.5	60	44	0.73	14	7	27	15
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	10.	60	0	0.00	14	0	0	15
00940	CHLORIDE,TOTAL IN WATER	860.	58	0	0.00	14	0	0	14
	Drinking Water	250.	58	0	0.00	14	0	0	14
01027	CADMIUM, TOTAL	3.9	28 &	1	0.04	7	1	0	7
	Fresh Acute	5.	28 &	1	0.04	7	1	0	7
01034	CHROMIUM, TOTAL	100.	20	0	0.00	4	0	0	5
01042	COPPER, TOTAL	18.	50 &	4	0.08	12	3	0	14
	Drinking Water	1300.	52	0	0.00	12	0	0	14
01051	LEAD, TOTAL	82.	52	1	0.02	12	0	1	14
	Fresh Acute	15.	39 &	6	0.15	9	2	3	10
01067	NICKEL, TOTAL	1400.	1	0	0.00			1	
	Drinking Water	100.	1	0	0.00			1	
01075	SILVER, DISSOLVED	4.1	26 &	2	0.08	6	1	1	6
	Drinking Water	100.	52	0	0.00	12	0	0	14
01092	ZINC, TOTAL	120.	52	2	0.04	12	1	1	14
	Fresh Acute	5000.	52	0	0.00	12	0	0	14
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	1000.	4	2	0.50	1	1	0	1
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	1000.	54	37	0.69	11	10	16	14
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	200.	54	21	0.39	11	7	7	14
31615	FECAL COLIFORM, MPN	200.	4	2	0.50	1	1	0	1
71900	MERCURY, TOTAL	2.4	50	1	0.02	12	0	1	12
	Drinking Water	2.	50	1	0.02	12	0	1	12

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station GREE0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00075	TURBIDITY, HELLOGE (PPM AS SILICON DIOXIDE)	11/16/73-12/12/77	3	7.	9.333	21.	0.	114.333	10.693	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/73-12/01/80	3	2.	2.	3.7	0.3	2.89	1.7	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	3	6.5	6.5	6.7	6.3	0.04	0.2	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	3	6.5	6.47	6.7	6.3	0.041	0.203	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	3	0.316	0.339	0.501	0.2	0.023	0.152	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	11/16/73-12/01/80	2	189.5	189.5	367.	12.	63012.5	251.023	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	3	3.32	2.807	3.8	1.3	1.76	1.327	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	3	0.26	0.243	0.34	0.13	0.011	0.106	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	11/16/73-12/01/80	2	52.	52.	95.	9.	3698.	60.811	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	3	2300.	32466.667	93000.	2100.	2748223333.333	52423.5	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	3	3.362	3.884	4.968	3.322	0.882	0.939	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			7658.494								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	3	91.	7727.333	23000.	91.	174940760.333	13226.517	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	3	1.959	2.76	4.362	1.959	1.924	1.387	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			575.356								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GREE0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00075	TURBIDITY, HELLOGE (PPM AS SILICON DIOXIDE)	11/16/73-12/12/77	14	13.	15.214	31.	2.	83.258	9.125	4.	7.75	21.75	30.5
00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/73-12/01/80	14	1.55	2.429	8.5	0.4	4.922	2.219	0.4	1.05	3.225	6.75
00403	PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	14	6.5	6.536	7.3	6.	0.086	0.292	6.15	6.375	6.625	7.05
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	14	6.5	6.457	7.3	6.	0.092	0.304	6.15	6.375	6.625	7.05
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	14	0.316	0.349	1.	0.05	0.05	0.223	0.104	0.238	0.424	0.751
00500	RESIDUE, TOTAL (MG/L)	11/16/73-12/01/80	13	110.	138.231	393.	46.	7414.692	86.109	63.2	94.5	161.5	316.2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	14	3.145	2.981	5.22	0.6	1.973	1.404	0.955	1.533	3.87	5.09
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	14	0.26	0.511	3.59	0.05	0.828	0.91	0.06	0.1	0.42	2.21
00940	CHLORIDE, TOTAL IN WATER MG/L	11/16/73-12/01/80	14	10.5	14.143	28.	7.	54.747	7.399	7.5	8.	21.25	27.5
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	14	8400.	29849.286	240000.	230.	3888437284.066	62357.335	330.	1832.5	28750.	143000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	14	3.922	3.836	5.38	2.362	0.745	0.863	2.498	3.18	4.444	5.021
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			6856.467								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	14	310.	927.214	6400.	15.	2864538.643	1692.495	15.	30.75	930.	4350.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	14	2.476	2.377	3.806	1.176	0.708	0.841	1.176	1.461	2.968	3.584
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			238.019								

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Annual Analysis for 1975 - Station GREE0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00075	TURBIDITY, HELLOGE (PPM AS SILICON DIOXIDE)	11/16/73-12/12/77	9	9.	11.333	31.	4.	66.25	8.139	4.	6.	13.	31.
00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/73-12/01/80	10	2.55	2.75	5.3	0.1	1.954	1.398	0.25	2.275	3.6	5.19
00403	PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	10	6.6	6.59	6.9	6.2	0.037	0.191	6.23	6.5	6.725	6.89
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	10	6.6	6.55	6.9	6.2	0.038	0.196	6.23	6.5	6.725	6.89
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	10	0.251	0.282	0.631	0.126	0.019	0.139	0.129	0.189	0.316	0.599
00500	RESIDUE, TOTAL (MG/L)	11/16/73-12/01/80	10	127.	127.2	169.	89.	878.178	29.634	89.4	99.	151.25	168.2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	10	2.715	2.703	3.67	1.86	0.392	0.626	1.867	2.08	3.275	3.65
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	10	0.13	0.134	0.21	0.08	0.002	0.04	0.081	0.098	0.158	0.207
00940	CHLORIDE, TOTAL IN WATER MG/L	11/16/73-12/01/80	10	14.5	19.6	49.	10.	152.267	12.34	10.2	12.75	23.5	47.5
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	10	2300.	13759.	110000.	230.	1150442432.222	33918.173	250.	805.	7500.	99750.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	10	3.362	3.443	5.041	2.362	0.56	0.748	2.389	2.885	3.875	4.925
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			2776.092								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	10	91.	121.	360.	15.	13061.111	114.285	16.5	34.5	230.	347.

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Annual Analysis for 1975 - Station GREE0052

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31614 LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	10	1.959	1.892	2.556	1.176	0.201	0.448	1.206	1.537	2.362	2.537
31614 GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			78.032								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GREE0052

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00075 TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	11/16/73-12/12/77	11	5.	6.455	14.	0.	20.273	4.503	0.2	4.	12.	13.6
00310 BOD, 5 DAY, 20 DEG C MG/L	11/16/73-12/01/80	11	1.6	1.445	2.2	0.3	0.255	0.505	0.44	1.2	1.7	2.12
00403 PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	11	6.5	6.427	6.9	5.8	0.098	0.313	5.86	6.2	6.6	6.88
00403 CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	11	6.5	6.316	6.9	5.8	0.112	0.334	5.86	6.2	6.6	6.88
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	11	0.316	0.483	1.585	0.126	0.173	0.416	0.132	0.251	0.631	1.427
00500 RESIDUE, TOTAL (MG/L)	11/16/73-12/01/80	11	95.	113.182	216.	58.	1968.764	44.371	62.	87.	140.	202.2
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	11	2.31	1.99	2.75	0.93	0.437	0.661	0.968	1.17	2.6	2.726
00650 PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	10	0.07	0.086	0.24	0.04	0.003	0.058	0.04	0.063	0.087	0.227
00940 CHLORIDE,TOTAL IN WATER MG/L	11/16/73-12/01/80	10	14.	21.7	72.	8.	358.011	18.921	8.4	12.	24.5	68.
31506 COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	9	2400.	4932.222	24000.	430.	54161669.444	7359.461	430.	680.	4600.	24000.
31506 LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	9	3.38	3.374	4.38	2.633	0.315	0.562	2.633	2.801	3.663	4.38
31506 GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			2364.907								
31614 FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	9 ##	15.	1775.333	11000.	15.	14231634.75	3772.484	15.	15.	2415.	11000.
31614 LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	9 ##	1.176	1.979	4.041	1.176	1.309	1.144	1.176	1.176	3.012	4.041
31614 GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			95.247								

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Annual Analysis for 1977 - Station GREE0052

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00075 TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	11/16/73-12/12/77	9	9.	11.944	27.	0.	103.778	10.187	0.	3.	23.25	27.
00310 BOD, 5 DAY, 20 DEG C MG/L	11/16/73-12/01/80	9	1.4	1.667	3.1	1.	0.435	0.66	1.	1.15	2.	3.1
00403 PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	9	6.2	6.2	6.5	5.8	0.07	0.265	5.8	6.	6.5	6.5
00403 CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	9	6.2	6.13	6.5	5.8	0.075	0.275	5.8	6.	6.5	6.5
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	9	0.631	0.741	1.585	0.316	0.191	0.437	0.316	0.316	1.	1.585
00500 RESIDUE, TOTAL (MG/L)	11/16/73-12/01/80	9	157.	182.889	385.	91.	9947.361	99.736	91.	114.5	243.	385.
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	9	1.6	1.818	3.4	0.5	0.694	0.833	0.5	1.35	2.335	3.4
00650 PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	9	0.06	0.071	0.17	0.	0.003	0.052	0.	0.04	0.11	0.17
00940 CHLORIDE,TOTAL IN WATER MG/L	11/16/73-12/01/80	9	27.	41.556	112.	12.	1231.028	35.086	12.	16.	66.	112.
31506 COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	9	930.	11785.556	93000.	230.	929290777.778	30484.271	230.	840.	3500.	93000.
31506 LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	9	2.968	3.279	4.968	2.362	0.539	0.734	2.362	2.922	3.521	4.968
31506 GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1903.228								
31614 FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	9 ##	36.	1092.722	9300.	1.5	9478272.569	3078.68	1.5	15.	190.	9300.
31614 LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	9 ##	1.556	1.736	3.968	0.176	1.124	1.06	0.176	1.176	2.269	3.968
31614 GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			54.454								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GREE0052

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310 BOD, 5 DAY, 20 DEG C MG/L	11/16/73-12/01/80	5	1.4	1.4	1.9	1.	0.115	0.339	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	5	6.2	6.16	6.2	6.	0.008	0.089	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	5	6.2	6.152	6.2	6.	0.008	0.09	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GREE0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	5	0.631	0.705	1.	0.631	0.027	0.165	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	11/16/73-12/01/80	5	189.	206.2	341.	71.	12753.2	112.93	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	5	2.3	2.24	3.1	1.3	0.438	0.662	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	5###	0.	0.014	0.04	0.	0.	0.019	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/16/73-12/01/80	5	55.	58.2	119.	10.	2014.7	44.885	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	5	430.	1470.	4600.	390.	3281850.	1811.588	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	5	2.633	2.939	3.663	2.591	0.222	0.471	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			869.701								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	5###	15.	63.	230.	15.	8832.5	93.981	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	5###	1.176	1.498	2.362	1.176	0.267	0.517	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			31.507								

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Annual Analysis for 1979 - Station GREE0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/73-12/01/80	4	1.9	1.55	2.2	0.2	0.89	0.943	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	4	6.05	6.075	6.2	6.	0.009	0.096	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	4	6.047	6.067	6.2	6.	0.009	0.096	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	4	0.897	0.856	1.	0.631	0.032	0.179	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	11/16/73-12/01/80	4	110.	117.75	158.	93.	816.917	28.582	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	4	1.55	1.75	2.7	1.2	0.47	0.686	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	4	0.055	0.42	1.54	0.03	0.558	0.747	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/16/73-12/01/80	4	24.	22.5	31.	11.	80.333	8.963	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	4	1900.	2400.	4300.	1500.	1746666.667	1321.615	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	4	3.269	3.337	3.633	3.176	0.047	0.216	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			2171.924								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	4	251.5	240.75	430.	30.	48062.25	219.231	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	4	2.248	2.152	2.633	1.477	0.334	0.578	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			141.855								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GREE0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/73-12/01/80	4	1.5	1.475	1.8	1.1	0.143	0.377	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	4	6.15	6.2	6.6	5.9	0.087	0.294	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	4	6.147	6.134	6.6	5.9	0.092	0.304	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	4	0.713	0.734	1.259	0.251	0.174	0.417	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	11/16/73-12/01/80	4	144.	159.	238.	110.	3063.333	55.347	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	4	1.55	1.575	2.	1.2	0.149	0.386	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	2	0.08	0.08	0.12	0.04	0.003	0.057	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	11/16/73-12/01/80	4	21.	19.5	26.	10.	62.333	7.895	**	**	**	**

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Seasonal Analysis for Season #1: 7/01 to 10/14 - Station GREE0052

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/16/73-12/01/80	9	19.	19.222	24.	13.	8.444	2.906	13.	18.5	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/16/73-12/01/80	10	24.5	23.2	29.	13.	20.178	4.492	13.7	20.75	28.7
00032	CLOUD COVER (PERCENT)	11/16/73-12/01/80	12	12.5	35.417	100.	0.	1983.902	44.541	0.	93.75	100.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/73-12/01/80	14	109.	113.429	160.	72.	602.264	24.541	79.	96.5	155.
00300	OXYGEN, DISSOLVED MG/L	11/16/73-12/01/80	10	7.65	7.66	9.	5.6	1.112	1.054	5.72	7.1	8.99
00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/73-12/01/80	14	1.7	1.586	3.1	0.2	0.886	0.941	0.3	0.775	2.95
00400	PH (STANDARD UNITS)	11/16/73-12/01/80	9	7.1	7.044	7.9	6.1	0.25	0.5	6.1	6.8	7.9
00400	CONVERTED PH (STANDARD UNITS)	11/16/73-12/01/80	9	7.1	6.777	7.9	6.1	0.331	0.575	6.1	6.8	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	9	0.079	0.167	0.794	0.013	0.058	0.241	0.013	0.047	0.794
00403	PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	14	6.55	6.55	6.9	6.1	0.046	0.214	6.15	6.5	6.85
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	14	6.547	6.497	6.9	6.1	0.049	0.221	6.15	6.5	6.85
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	14	0.284	0.318	0.794	0.126	0.033	0.182	0.142	0.228	0.713
00500	RESIDUE, TOTAL (MG/L)	11/16/73-12/01/80	14	99.5	136.357	393.	71.	7320.863	85.562	80.	92.	315.5
00630	NITRITE PLUS NITRATE, TOTAL I DET. (MG/L AS N)	11/16/73-12/01/80	14	2.115	2.226	4.96	0.5	1.397	1.182	0.835	1.3	4.29
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	13	0.11	0.21	0.83	0.	0.051	0.225	0.012	0.075	0.658
00940	CHLORIDE, TOTAL IN WATER MG/L	11/16/73-12/01/80	14	10.5	10.786	16.	8.	5.258	2.293	8.	8.75	14.5
01027	CADMIUM, TOTAL (UG/L AS CD)	11/16/73-12/01/80	12 ##	3.75	3.333	10.	0.	9.47	3.077	0.	0.	8.5
01042	COPPER, TOTAL (UG/L AS CU)	11/16/73-12/01/80	12	0.	71.25	800.	0.	52727.841	229.625	0.	0.	566.
01051	LEAD, TOTAL (UG/L AS PB)	11/16/73-12/01/80	12 ##	5.	18.333	80.	0.	542.424	23.29	0.	5.	68.
01075	SILVER, DISSOLVED (UG/L AS AG)	11/16/73-12/01/80	12 ##	5.	3.75	10.	0.	8.523	2.919	0.	0.625	8.5
01092	ZINC, TOTAL (UG/L AS ZN)	11/16/73-12/01/80	12	40.	75.	480.	0.	17063.636	130.628	0.	22.5	363.
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	11	7500.	39830.	240000.	230.	5150198500.	71764.883	484.	4600.	210600.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	11	3.875	4.014	5.38	2.362	0.691	0.831	2.525	3.663	5.298
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	11	GEOMETRIC MEAN =	10333.274							
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	11	230.	1148.364	9300.	40.	7406113.255	2721.418	50.2	91.	7626.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	11	2.362	2.483	3.968	1.602	0.416	0.645	1.673	1.959	3.768
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	11	GEOMETRIC MEAN =	303.954							
71900	MERCURY, TOTAL (UG/L AS HG)	11/16/73-12/01/80	12	0.1	0.338	1.9	0.05	0.268	0.518	0.05	0.063	1.48
74010	IRON, TOTAL (MG/L AS FE)	11/16/73-12/01/80	10	1.555	2.039	7.2	0.63	3.612	1.9	0.636	1.08	6.736

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station GREE0052

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/16/73-12/01/80	27	5.	4.	16.	-1.	16.615	4.076	0.8	2.	1.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/16/73-12/01/80	26	6.5	3.192	17.	-4.	30.242	5.499	0.	1.75	2.
00032	CLOUD COVER (PERCENT)	11/16/73-12/01/80	27	25.	41.667	100.	0.	1634.615	40.43	0.	100.	100.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/73-12/01/80	29	183.	215.793	480.	66.	12529.384	111.935	104.	128.5	400.
00300	OXYGEN, DISSOLVED MG/L	11/16/73-12/01/80	27	11.	10.741	13.6	6.9	3.271	1.809	7.66	9.4	13.
00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/73-12/01/80	31	1.6	2.19	8.5	0.3	2.612	1.616	1.	1.2	4.44
00400	PH (STANDARD UNITS)	11/16/73-12/01/80	27	7.1	7.004	7.7	6.3	0.159	0.399	6.38	6.6	7.44
00400	CONVERTED PH (STANDARD UNITS)	11/16/73-12/01/80	27	7.1	6.822	7.7	6.3	0.193	0.439	6.38	6.6	7.44
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	27	0.079	0.151	0.501	0.02	0.022	0.148	0.037	0.05	0.419
00403	PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	31	6.2	6.277	6.9	5.8	0.078	0.279	6.	6.	6.7
00403	CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	31	6.2	6.2	6.9	5.8	0.084	0.29	6.	6.	6.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	31	0.631	0.631	1.585	0.126	0.129	0.36	0.2	0.316	1.
00500	RESIDUE, TOTAL (MG/L)	11/16/73-12/01/80	30	139.5	164.033	385.	12.	8355.413	91.408	87.	103.	338.3
00630	NITRITE PLUS NITRATE, TOTAL I DET. (MG/L AS N)	11/16/73-12/01/80	31	2.45	2.452	5.22	0.6	1.147	1.071	1.12	1.6	3.774
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	29	0.07	0.166	1.54	0.	0.083	0.287	0.	0.04	0.34
00940	CHLORIDE, TOTAL IN WATER MG/L	11/16/73-12/01/80	30	26.5	37.1	119.	7.	1063.886	32.617	9.	12.75	94.3
01027	CADMIUM, TOTAL (UG/L AS CD)	11/16/73-12/01/80	25 ##	3.	2.76	5.	0.	5.003	2.237	0.	0.	5.
01042	COPPER, TOTAL (UG/L AS CU)	11/16/73-12/01/80	26	0.	5.308	50.	0.	182.062	13.493	0.	0.	22.
01051	LEAD, TOTAL (UG/L AS PB)	11/16/73-12/01/80	26	7.5	13.038	90.	0.	343.478	18.533	0.	0.	25.
01075	SILVER, DISSOLVED (UG/L AS AG)	11/16/73-12/01/80	26 ##	3.75	3.127	15.	0.	11.371	3.372	0.	0.	5.
01092	ZINC, TOTAL (UG/L AS ZN)	11/16/73-12/01/80	26	25.5	60.308	770.	0.	21567.102	146.857	0.	13.25	83.
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	29	2100.	6085.172	93000.	230.	300585861.576	17337.412	390.	430.	9300.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station GREE0052

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31506 LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	29	3.322	3.224	4.968	2.362	0.375	0.612	2.591	2.633	3.612	3.968
31506 GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1676.591								
31614 FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	29	36.	1170.466	23000.	1.5	19146460.784	4375.667	15.	15.	190.	2300.
31614 LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	29	1.556	1.801	4.362	0.176	0.82	0.906	1.176	1.176	2.269	3.362
31614 GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			63.243								
71900 MERCURY, TOTAL (UG/L AS HG)	11/16/73-12/01/80	26 ##	0.1	0.369	4.	0.05	0.641	0.801	0.05	0.05	0.288	1.06
74010 IRON, TOTAL (MG/L AS FE)	11/16/73-12/01/80	29	0.71	0.907	3.6	0.	0.605	0.778	0.15	0.455	1.135	2.26

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GREE0052

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/16/73-12/01/80	11	13.	12.909	20.	7.	21.691	4.657	7.	9.	16.	20.
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/16/73-12/01/80	11	17.	15.273	30.	3.	71.418	8.451	3.4	8.	22.	28.8
00032 CLOUD COVER (PERCENT)	11/16/73-12/01/80	11	50.	52.273	100.	0.	2306.818	48.029	0.	0.	100.	100.
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/73-12/01/80	14	160.	151.857	195.	104.	728.747	26.995	112.	123.5	171.25	187.5
00300 OXYGEN, DISSOLVED MG/L	11/16/73-12/01/80	11	10.2	9.664	11.2	7.4	2.089	1.445	7.44	8.5	11.	11.2
00310 BOD, 5 DAY, 20 DEG C MG/L	11/16/73-12/01/80	15	1.7	1.827	5.3	0.1	1.385	1.177	0.22	1.4	1.9	3.8
00400 PH (STANDARD UNITS)	11/16/73-12/01/80	11	6.9	7.045	7.8	6.4	0.267	0.516	6.4	6.6	7.5	7.78
00400 CONVERTED PH (STANDARD UNITS)	11/16/73-12/01/80	11	6.9	6.813	7.8	6.4	0.326	0.571	6.4	6.6	7.5	7.78
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	11	0.126	0.154	0.398	0.016	0.021	0.144	0.017	0.032	0.251	0.398
00403 PH, LAB, STANDARD UNITS SU	11/16/73-12/01/80	15	6.5	6.467	7.3	5.8	0.107	0.327	6.04	6.2	6.6	6.94
00403 CONVERTED PH, LAB, STANDARD UNITS	11/16/73-12/01/80	15	6.5	6.359	7.3	5.8	0.119	0.345	6.04	6.2	6.6	6.94
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-12/01/80	15	0.316	0.438	1.585	0.05	0.13	0.36	0.14	0.251	0.631	1.013
00500 RESIDUE, TOTAL (MG/L)	11/16/73-12/01/80	14	130.5	117.643	158.	46.	1246.555	35.307	52.	90.5	147.25	154.5
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-12/01/80	15	2.1	2.183	3.47	1.12	0.573	0.757	1.168	1.6	2.87	3.338
00650 PHOSPHATE, TOTAL (MG/L AS PO4)	11/16/73-04/15/80	15	0.12	0.339	3.59	0.04	0.812	0.901	0.04	0.04	0.15	1.562
00940 CHLORIDE,TOTAL IN WATER MG/L	11/16/73-12/01/80	14	19.	20.286	34.	14.	39.758	6.305	14.5	15.	23.	32.5
01027 CADMIUM, TOTAL (UG/L AS CD)	11/16/73-12/01/80	14 ##	3.75	2.821	5.	0.	5.523	2.35	0.	0.	5.	5.
01042 COPPER, TOTAL (UG/L AS CU)	11/16/73-12/01/80	14	0.	4.143	18.	0.	33.363	5.776	0.	0.	10.	14.
01051 LEAD, TOTAL (UG/L AS PB)	11/16/73-12/01/80	14 ##	7.5	13.214	50.	0.	217.72	14.755	0.	0.	25.	37.5
01075 SILVER, DISSOLVED (UG/L AS AG)	11/16/73-12/01/80	14 ##	5.	3.036	5.	0.	5.941	2.437	0.	0.	5.	5.
01092 ZINC, TOTAL (UG/L AS ZN)	11/16/73-12/01/80	14	15.	18.893	80.	0.	585.622	24.2	0.	0.	22.5	70.
31506 COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	14	2300.	14692.143	110000.	430.	911774448.901	30195.603	680.	1357.5	9450.	78000.
31506 LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/16/73-12/03/79	14	3.362	3.575	5.041	2.633	0.468	0.684	2.801	3.124	3.842	4.852
31506 GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			3759.083								
31614 FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	14	160.5	1277.714	11000.	15.	9271168.835	3044.859	15.	26.25	555.	7800.
31614 LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/16/73-12/03/79	14	2.16	2.176	4.041	1.176	0.841	0.917	1.176	1.402	2.717	3.852
31614 GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			150.075								
71900 MERCURY, TOTAL (UG/L AS HG)	11/16/73-12/01/80	12 ##	0.05	0.067	0.2	0.	0.003	0.054	0.	0.05	0.1	0.17
74010 IRON, TOTAL (MG/L AS FE)	11/16/73-12/01/80	13	1.41	2.143	5.23	0.81	2.191	1.48	0.93	1.215	3.16	4.89

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GREE0053

NPS Station ID: GREE0053 LAT/LON: 39.074170/ -76.953060

Location: PAINT BRANCH AT FAIRLAND ROAD

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes: 0214001 002640

RMI-Miles: 0109.10 0021.40

HUC: 02070010

Major Basin: NORTH ATLANTIC

Minor Basin: POTOMAC RIVER

RF1 Index: 02070010

RF3 Index: 02070010003114.94

Description:

STATION ESTABLISHED ON PAINT BRANCH ON FAIRLAND ROAD THIRTY FT UPSTREAM FROM BRIDGE CROSSING ON FAIRLAND RD. STATION ESTABLISHED JANUARY 1971.

Agency: 21MDMONT

FIPS State/County: 24031 MARYLAND/MONTGOMERY

STORET Station ID(s): 50120 /PTB-021.40

Within Park Boundary: No

Date Created: / /

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 16.92

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.06

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: GREE0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/71-06/04/91	193	12.	11.854	26.	-1.	42.743	6.538	2.16	7.	18.	20.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/14/71-06/04/91	193	15.	14.349	34.	-7.	77.877	8.825	3.	8.45	22.	25.
00032	CLOUD COVER (PERCENT)	01/14/71-06/04/91	198	25.	42.172	100.	0.	1841.96	42.918	0.	0.	100.	100.
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	01/11/72-11/11/77	74	6.5	12.216	142.	0.	394.48	19.862	1.	2.875	12.5	28.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/03/78-11/03/81	43	4.	11.93	110.	1.	400.215	20.005	1.84	2.5	11.	39.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/10/88-06/04/91	45	100.	194.022	2580.	46.	177547.795	421.364	91.8	94.	106.	130.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/10/88-06/04/91	45	9.9	10.311	13.8	8.	2.812	1.677	8.36	8.8	12.	12.84
00300	OXYGEN, DISSOLVED MG/L	01/14/71-11/03/81	146	10.2	10.517	14.4	7.1	2.925	1.71	8.37	9.4	11.8	13.23
00301p	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/14/71-10/04/88	91	92.9	91.995	112.1	9.7	134.864	11.613	82.64	88.7	97.	103.
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/11/72-12/11/90	156	1.3	1.909	27.	0.	6.265	2.503	0.47	0.8	2.2	3.73
00400p	PH (STANDARD UNITS)	01/14/71-06/04/91	181	7.	7.027	8.2	5.9	0.142	0.377	6.6	6.8	7.3	7.5
00400p	CONVERTED PH (STANDARD UNITS)	01/14/71-06/04/91	181	7.	6.867	8.2	5.9	0.168	0.41	6.6	6.8	7.3	7.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/14/71-06/04/91	181	0.1	0.136	1.259	0.006	0.023	0.152	0.032	0.05	0.158	0.251
00403	PH, LAB, STANDARD UNITS SU	01/11/72-11/03/81	116	6.9	6.886	7.6	6.	0.147	0.384	6.3	6.6	7.2	7.33
00403	CONVERTED PH, LAB, STANDARD UNITS	01/11/72-11/03/81	116	6.9	6.708	7.6	6.	0.179	0.423	6.3	6.6	7.2	7.33
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/11/72-11/03/81	116	0.126	0.196	1.	0.025	0.043	0.207	0.047	0.063	0.251	0.501
00500p	RESIDUE, TOTAL (MG/L)	10/21/75-02/06/90	67	59.	70.97	719.	3.	7005.696	83.7	38.4	47.	72.	97.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/10/88-12/11/90	42	3.	6.018	29.	0.25	49.556	7.04	0.5	1.	9.25	18.8
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/10/88-12/11/90	39 ##	0.02	0.037	0.19	0.01	0.001	0.036	0.015	0.015	0.05	0.09
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/09/88-09/07/88	2 ##	0.135	0.135	0.26	0.01	0.031	0.177	**	**	**	**
00612	AMMONIA, UNIONIZED (MG/L AS N)	07/11/89-07/24/89	2 ##	0.265	0.265	0.28	0.25	0.	0.021	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/10/88-02/06/90	23	1.3	1.191	1.8	0.05	0.137	0.37	0.642	1.05	1.45	1.56
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/10/88-12/11/90	41	0.5	0.528	1.5	0.1	0.122	0.35	0.2	0.25	0.8	1.08
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/72-12/11/90	131	1.39	1.59	4.32	0.	0.572	0.756	0.838	1.1	1.88	2.53
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/11/72-06/05/80	104	0.09	0.144	1.5	0.	0.036	0.191	0.025	0.06	0.158	0.32
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/10/88-12/11/90	41	0.03	0.043	0.26	0.005	0.002	0.047	0.005	0.015	0.06	0.088
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/10/88-12/11/90	38	0.02	0.032	0.14	0.	0.001	0.031	0.005	0.01	0.05	0.08
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/10/88-12/11/90	37	0.01	0.014	0.04	0.	0.	0.011	0.005	0.005	0.02	0.032
00955	SILICA, DISSOLVED (MG/L AS SiO2)	03/20/90-12/11/90	16	4.9	4.856	7.9	3.	0.967	0.983	3.56	4.45	5.	5.94
01035	COBALT, DISSOLVED (UG/L AS CO)	10/27/81-11/03/81	2	2.	2.	2.	2.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	10/27/81-11/03/81	2	3.5	3.5	4.	3.	0.5	0.707	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/14/80-12/11/90	59	2300.	8894.881	240000.	23.	1004597943.486	31695.393	220.	460.	4300.	16000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/14/80-12/11/90	59	3.362	3.231	5.38	1.362	0.585	0.765	2.342	2.663	3.633	4.204
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506				1703.113								
31506	COLIFORM,TOT,MPN,CONFIRMED TEST, TUBE CONFIG.	01/11/72-11/27/79	98	3350.	12981.398	240000.	4.	946261122.201	30761.358	290.	930.	9725.	43000.
31506	LOG COLIFORM,TOT,MPN,CONFIRMED TEST, TUBE CONFIG.	01/11/72-11/27/79	98	3.507	3.473	5.38	0.602	0.633	0.796	2.462	2.968	3.987	4.633

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GREE0053

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31506 GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			2972.536								
31614 FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/11/72-11/27/79	97	230.	3717.216	240000.	15.	596552727.63	24424.429	23.	91.	930.	4300.
31614 LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/11/72-11/27/79	97	2.362	2.457	5.38	1.176	0.664	0.815	1.362	1.959	2.968	3.633
31614 GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			286.12								
31615 FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/14/80-12/11/90	59	460.	2561.	24000.	9.	29280457.69	5411.142	36.	140.	2400.	11000.
31615 LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/14/80-12/11/90	59	2.663	2.71	4.38	0.954	0.677	0.823	1.556	2.146	3.38	4.041
31615 GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			512.467								
71886 PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/26/80-12/04/80	8	0.3	0.316	0.63	0.18	0.019	0.137	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

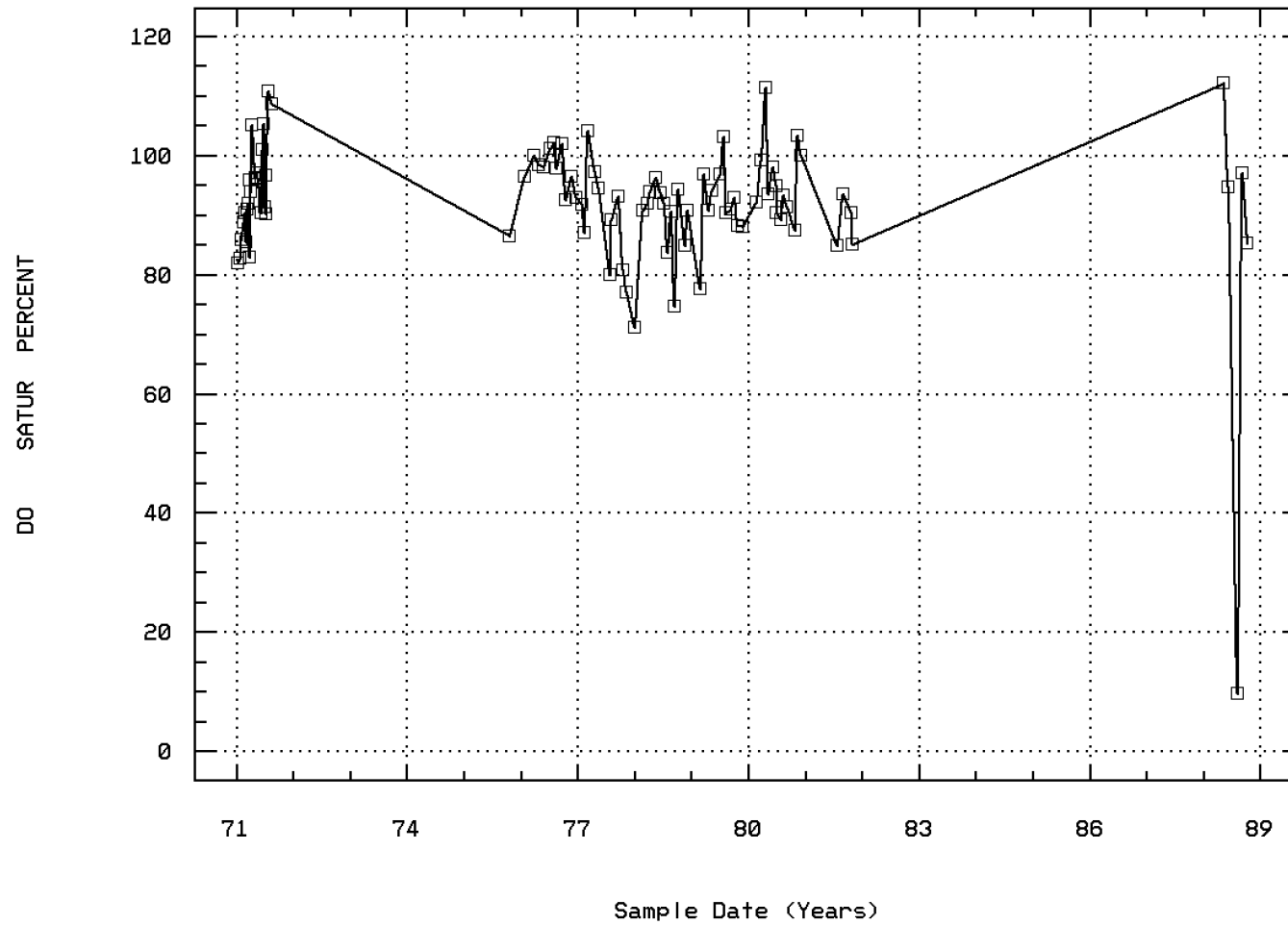
EPA Water Quality Criteria Analysis for Station: GREE0053

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----		-----10/15-3/31-----		-----4/01-6/30-----		-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076 TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	43	3	0.07	16	0	0.00	18	2	0.11	9	1	0.11
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	45	0	0.00	15	0	0.00	17	0	0.00	13	0	0.00
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	146	0	0.00	45	0	0.00	65	0	0.00	36	0	0.00
00400 PH	Fresh Chronic	9.	181	0	0.00	52	0	0.00	78	0	0.00	51	0	0.00
	Other-Lo Lim.	6.5	181	11	0.06	52	2	0.04	78	7	0.09	51	2	0.04
00403 PH, LAB	Fresh Chronic	9.	116	0	0.00	36	0	0.00	51	0	0.00	29	0	0.00
	Other-Lo Lim.	6.5	116	22	0.19	36	6	0.17	51	13	0.25	29	3	0.10
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	23	0	0.00	9	0	0.00	8	0	0.00	6	0	0.00
00630 NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	131	0	0.00	39	0	0.00	57	0	0.00	35	0	0.00
01051 LEAD, TOTAL	Fresh Acute	82.	2	0	0.00				2	0	0.00			
	Drinking Water	15.	2	0	0.00				2	0	0.00			
31505 COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	59	36	0.61	20	18	0.90	23	8	0.35	16	10	0.63
31506 COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	98	66	0.67	30	25	0.83	43	24	0.56	25	17	0.68
31614 FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	97	56	0.58	29	24	0.83	43	17	0.40	25	15	0.60
31615 FECAL COLIFORM, MPN	Other-Hi Lim.	200.	58 &	39	0.67	19	17	0.89	23	11	0.48	16	11	0.69

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: GREE0053 Parameter Code: 00301

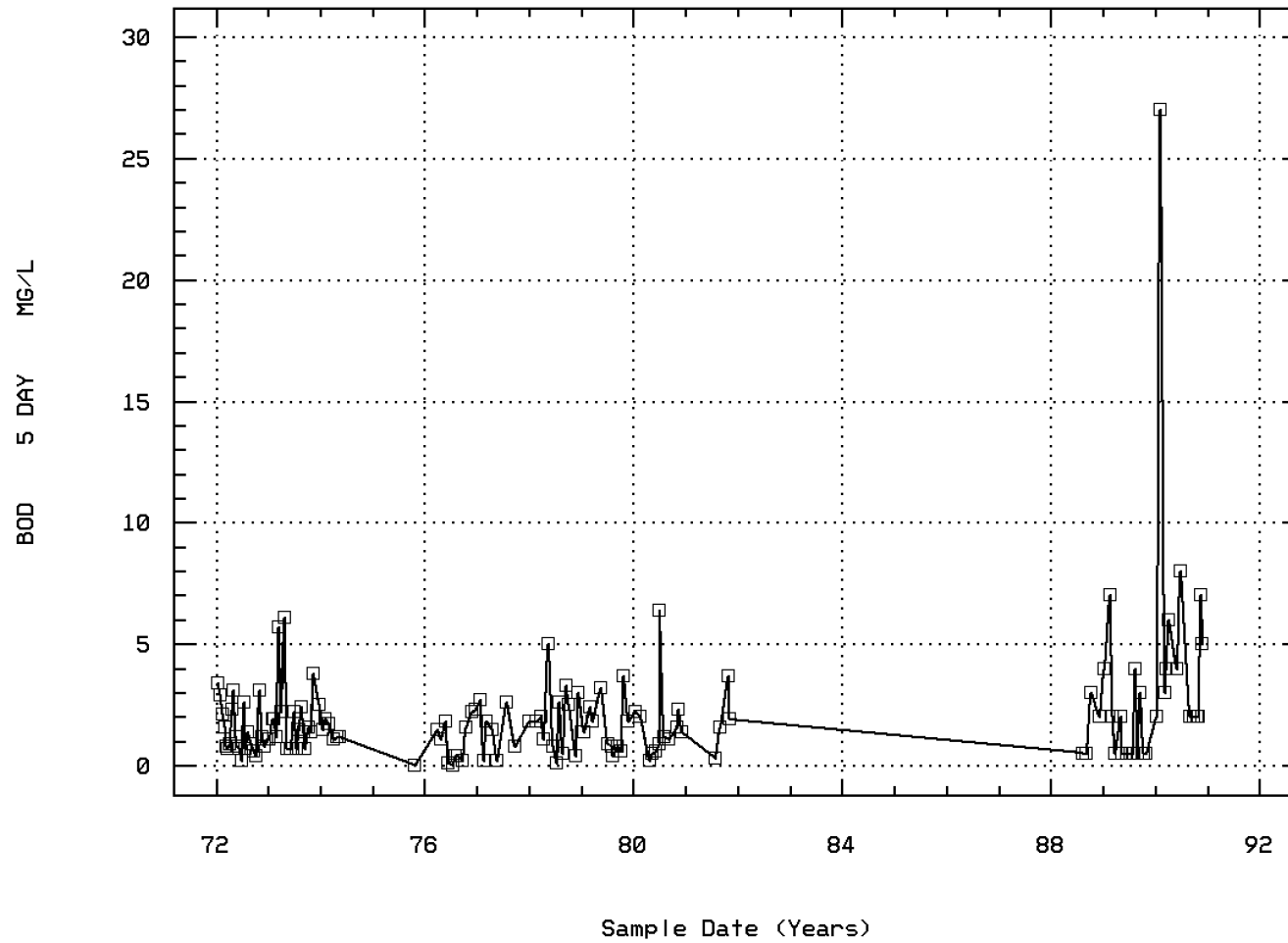
OXYGEN, DISSOLVED, PERCENT OF SATURATIO



PAINT BRANCH AT FAIRLAND ROAD

Station: GREE0053 Parameter Code: 00310

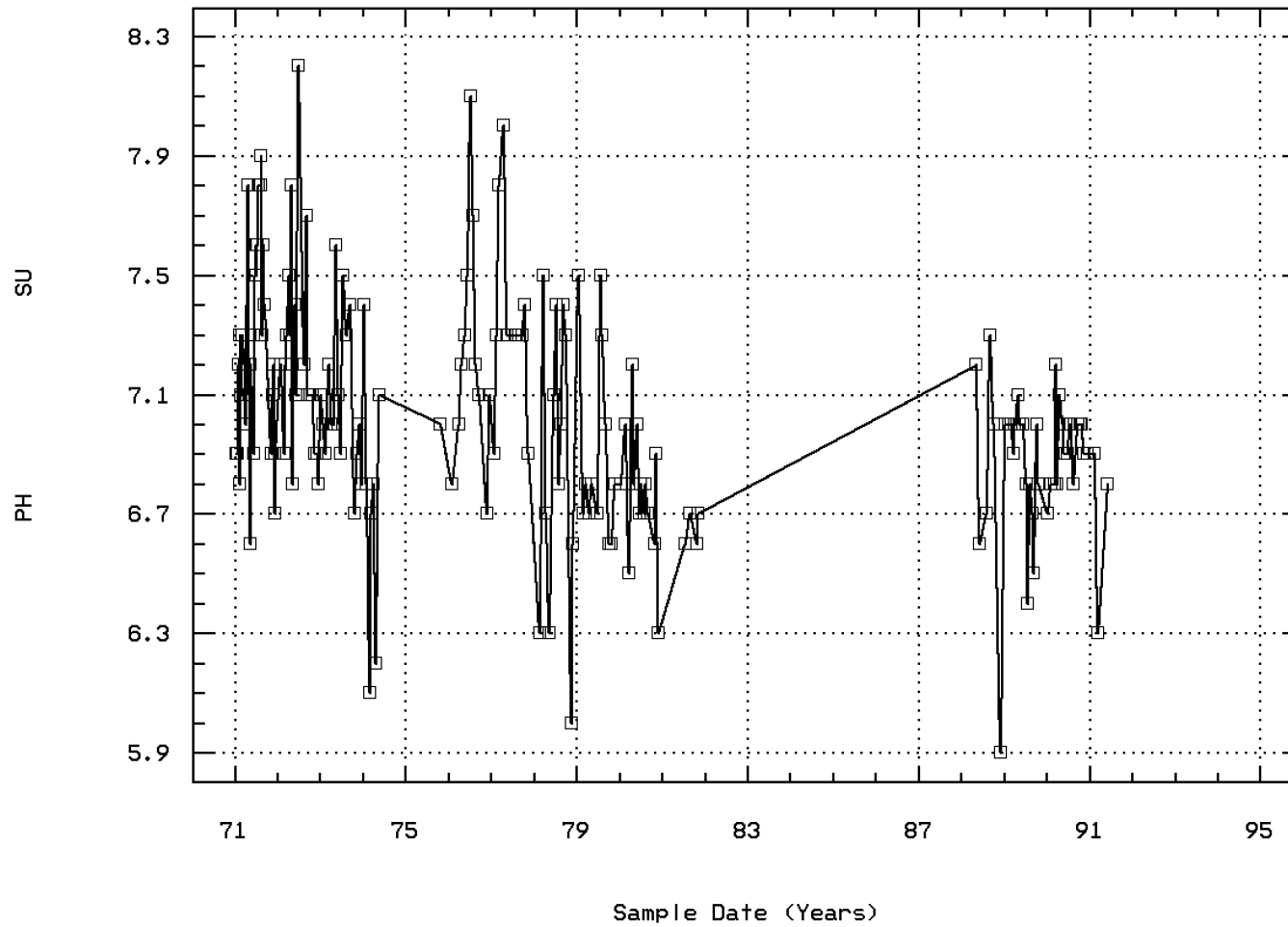
BOD, 5 DAY, 20 DEG C



PAINT BRANCH AT FAIRLAND ROAD

Station: GREE0053 Parameter Code: 00400

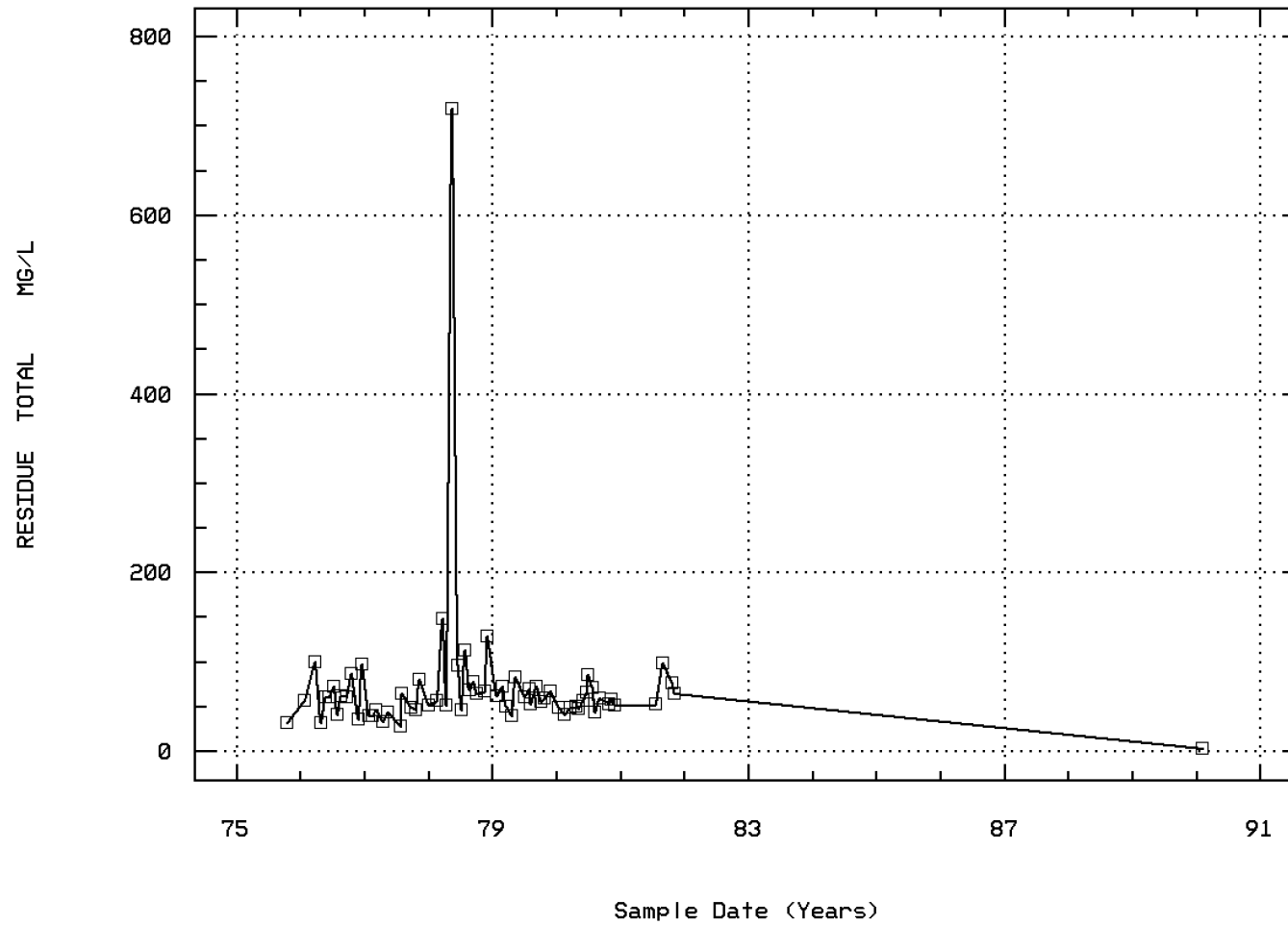
PH (STANDARD UNITS)



PAINT BRANCH AT FAIRLAND ROAD

Station: GREE0053 Parameter Code: 00500

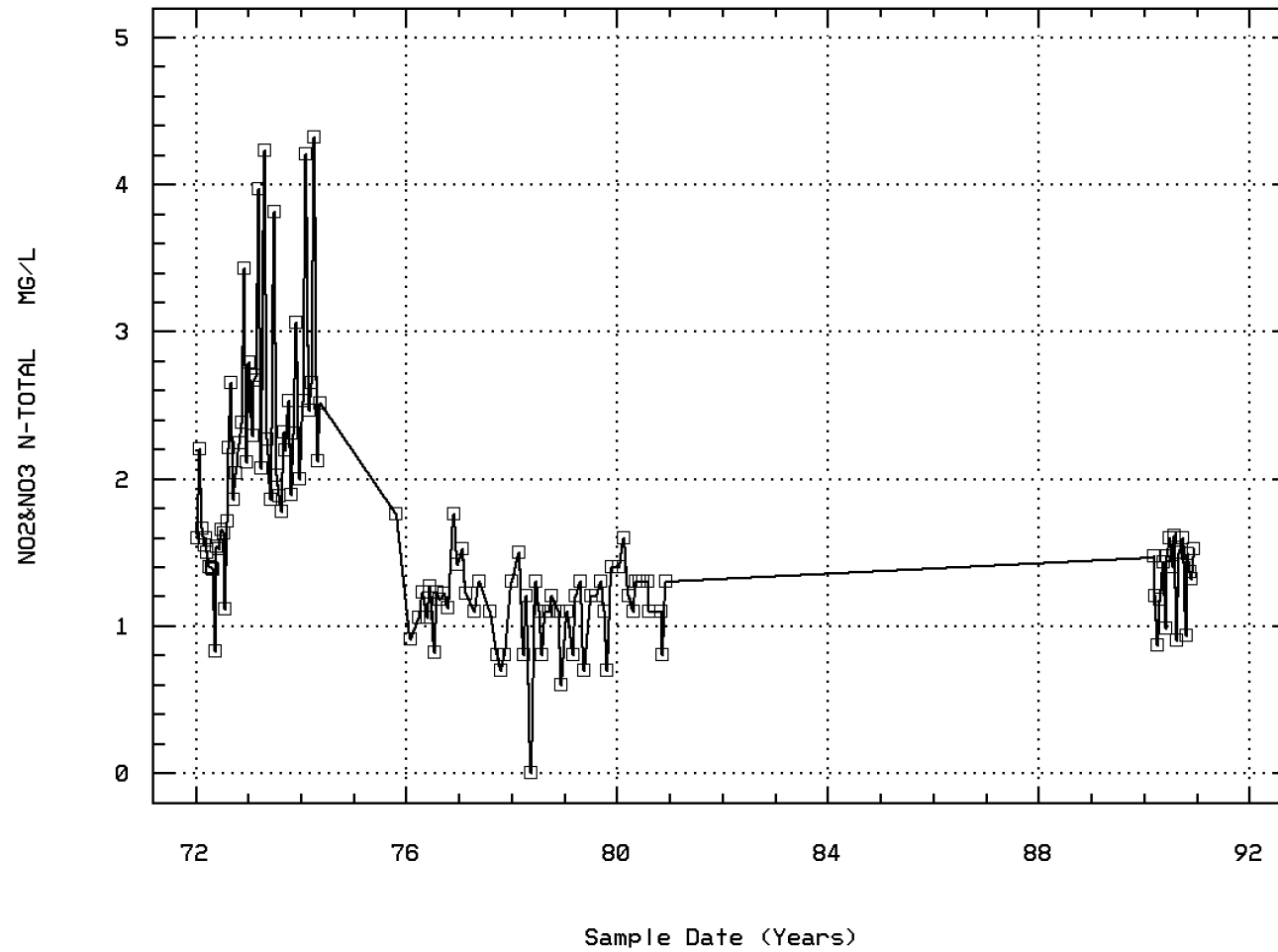
RESIDUE, TOTAL (MG/L)



PAINT BRANCH AT FAIRLAND ROAD

Station: GREE0053 Parameter Code: 00630

NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/



PAINT BRANCH AT FAIRLAND ROAD

Annual Analysis for 1971 - Station GREE0053

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/71-06/04/91	34	10.	12.	22.	0.	47.212	6.871	3.	7.	20.	21.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/14/71-06/04/91	34	13.	14.529	28.	-1.	84.62	9.199	3.	8.75	25.	26.
00032	CLOUD COVER (PERCENT)	01/14/71-06/04/91	35	25.	34.286	100.	0.	1804.622	42.481	0.	0.	100.	100.
00300p	OXYGEN, DISSOLVED MG/L	01/14/71-11/03/81	32	10.75	10.684	13.5	8.3	1.543	1.242	8.55	10.025	11.4	12.31
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/14/71-10/04/88	23	91.9	93.852	110.8	82.	65.746	8.108	82.68	88.7	97.1	107.24
00400p	PH (STANDARD UNITS)	01/14/71-06/04/91	31	7.2	7.245	7.9	6.6	0.118	0.343	6.82	6.9	7.5	7.8
00400p	CONVERTED PH (STANDARD UNITS)	01/14/71-06/04/91	31	7.2	7.124	7.9	6.6	0.133	0.365	6.82	6.9	7.5	7.8
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/14/71-06/04/91	31	0.063	0.075	0.251	0.013	0.003	0.057	0.016	0.032	0.126	0.152

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station GREE0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/71-06/04/91	24	12.5	11.75	21.	2.	34.109	5.84	2.5	7.	16.75	19.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/14/71-06/04/91	24	15.	14.833	24.	0.	55.971	7.481	2.5	9.25	22.	23.
00032	CLOUD COVER (PERCENT)	01/14/71-06/04/91	24	37.5	43.75	100.	0.	2024.457	44.994	0.	0.	100.	100.
00075	TURBIDITY, HELLOGE (PPM AS SILICON DIOXIDE)	01/11/72-11/11/77	24	6.	9.25	40.	0.	99.957	9.998	1.	3.	10.75	26.5
00300p	OXYGEN, DISSOLVED MG/L	01/14/71-11/03/81	24	9.7	10.417	14.4	8.1	3.379	1.838	8.15	8.85	11.8	13.15
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/11/72-12/11/90	24	1.05	1.438	3.4	0.2	0.923	0.961	0.5	0.725	2.25	3.1
00400p	PH (STANDARD UNITS)	01/14/71-06/04/91	19	7.2	7.237	8.2	6.8	0.131	0.362	6.8	6.9	7.4	7.8
00400p	CONVERTED PH (STANDARD UNITS)	01/14/71-06/04/91	19	7.2	7.128	8.2	6.8	0.144	0.379	6.8	6.9	7.4	7.8
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/14/71-06/04/91	19	0.063	0.074	0.158	0.006	0.002	0.046	0.016	0.04	0.126	0.158
00403	PH, LAB, STANDARD UNITS SU	01/11/72-11/03/81	24	7.2	7.154	7.6	6.7	0.054	0.232	6.85	6.925	7.3	7.5
00403	CONVERTED PH, LAB, STANDARD UNITS	01/11/72-11/03/81	24	7.2	7.095	7.6	6.7	0.058	0.24	6.85	6.925	7.3	7.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/11/72-11/03/81	24	0.063	0.08	0.2	0.025	0.002	0.044	0.032	0.05	0.119	0.142
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/72-12/11/90	24	1.64	1.8	3.43	0.83	0.295	0.543	1.245	1.505	2.178	2.515
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/11/72-06/05/80	24	0.155	0.255	1.5	0.05	0.089	0.299	0.075	0.1	0.288	0.525
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/11/72-11/27/79	24	2300.	8295.125	93000.	43.	412734377.332	20315.865	330.	930.	4300.	33000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/11/72-11/27/79	24	3.362	3.291	4.968	1.633	0.505	0.71	2.498	2.968	3.633	4.498
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1952.704								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/11/72-11/27/79	24	230.	1888.167	23000.	23.	23617493.362	4859.783	23.	93.	430.	5900.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/11/72-11/27/79	24	2.362	2.48	4.362	1.362	0.645	0.803	1.362	1.968	2.633	3.754
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			301.899								

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Annual Analysis for 1973 - Station GREE0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/71-06/04/91	20	13.5	12.4	21.	1.	49.726	7.052	1.1	5.5	19.75	20.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/14/71-06/04/91	19	19.	16.053	26.	0.	72.83	8.534	2.	9.	22.	25.
00032	CLOUD COVER (PERCENT)	01/14/71-06/04/91	20	75.	56.25	100.	0.	2031.25	45.069	0.	0.	100.	100.
00075	TURBIDITY, HELLOGE (PPM AS SILICON DIOXIDE)	01/11/72-11/11/77	20	9.	23.2	142.	0.	1151.326	33.931	1.	3.	30.5	73.7
00300p	OXYGEN, DISSOLVED MG/L	01/14/71-11/03/81	20	10.4	10.595	13.8	8.3	3.632	1.906	8.31	8.9	12.125	13.49
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/11/72-12/11/90	20	1.55	2.035	6.1	0.7	2.346	1.532	0.7	1.025	2.35	5.51
00400p	PH (STANDARD UNITS)	01/14/71-06/04/91	17	7.	7.082	7.6	6.7	0.06	0.246	6.78	6.9	7.25	7.52
00400p	CONVERTED PH (STANDARD UNITS)	01/14/71-06/04/91	17	7.	7.025	7.6	6.7	0.064	0.253	6.78	6.9	7.25	7.52
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/14/71-06/04/91	17	0.1	0.094	0.2	0.025	0.002	0.046	0.03	0.057	0.126	0.167
00403	PH, LAB, STANDARD UNITS SU	01/11/72-11/03/81	20	7.3	7.25	7.6	6.9	0.033	0.182	7.	7.1	7.375	7.5
00403	CONVERTED PH, LAB, STANDARD UNITS	01/11/72-11/03/81	20	7.3	7.214	7.6	6.9	0.035	0.186	7.	7.1	7.375	7.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/11/72-11/03/81	20	0.05	0.061	0.126	0.025	0.001	0.026	0.032	0.042	0.079	0.1
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/72-12/11/90	20	2.3	2.532	4.23	1.78	0.523	0.723	1.862	2.005	2.768	3.954
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/11/72-06/05/80	20	0.1	0.158	0.72	0.02	0.029	0.169	0.023	0.07	0.16	0.407
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/11/72-11/27/79	20	4300.	17150.	93000.	230.	623692305.263	24973.832	236.	555.	38250.	46000.

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Annual Analysis for 1973 - Station GREE0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/11/72-11/27/79	20	3.633	3.615	4.968	2.362	0.77	0.877	2.372	2.717	4.57	4.663
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN = 4117.452											
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/11/72-11/27/79	20	230.	1449.25	9300.	39.	8153775.566	2855.482	47.8	93.	1232.5	8800.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/11/72-11/27/79	20	2.362	2.537	3.968	1.591	0.512	0.716	1.666	1.968	3.04	3.935
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN = 344.182											

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Annual Analysis for 1974 - Station GREE0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/71-06/04/91	7	3.	7.429	20.	1.	53.286	7.3	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/14/71-06/04/91	7	2.	7.857	26.	0.	96.143	9.805	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/14/71-06/04/91	7	0.	21.429	100.	0.	1547.619	39.34	**	**	**	**
00075	TURBIDITY, HELLOG (PPM AS SILICON DIOXIDE)	01/11/72-11/11/77	7	3.	7.	23.	1.	59.667	7.724	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	01/14/71-11/03/81	7	13.4	12.471	14.3	9.8	3.486	1.867	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/11/72-12/11/90	7	1.2	1.371	1.9	1.	0.112	0.335	**	**	**	**
00400p	PH (STANDARD UNITS)	01/14/71-06/04/91	7	6.8	6.729	7.4	6.1	0.212	0.461	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	01/14/71-06/04/91	7	6.8	6.531	7.4	6.1	0.258	0.508	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/14/71-06/04/91	7	0.158	0.294	0.794	0.04	0.087	0.294	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/11/72-11/03/81	7	7.1	7.143	7.3	7.	0.01	0.098	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/11/72-11/03/81	7	7.1	7.134	7.3	7.	0.01	0.098	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/11/72-11/03/81	7	0.079	0.074	0.1	0.05	0.	0.016	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/72-12/11/90	7	2.53	2.971	4.32	2.12	0.808	0.899	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/11/72-06/05/80	7	0.12	0.234	0.74	0.09	0.054	0.232	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/11/72-11/27/79	7	750.	3152.857	15000.	230.	29292757.143	5412.278	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/11/72-11/27/79	7	2.875	3.04	4.176	2.362	0.411	0.641	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1097.116								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/11/72-11/27/79	7	30.	210.143	930.	15.	123925.143	352.03	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/11/72-11/27/79	7	1.477	1.738	2.968	1.176	0.561	0.749	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			54.659								

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Annual Analysis for 1975 - Station GREE0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/71-06/04/91	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/14/71-06/04/91	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/14/71-06/04/91	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	01/11/72-11/11/77	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	01/14/71-11/03/81	1	9.6	9.6	9.6	9.6	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/14/71-10/04/88	1	86.5	86.5	86.5	86.5	0.	0.	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/11/72-12/11/90	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	01/14/71-06/04/91	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	01/14/71-06/04/91	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/14/71-06/04/91	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	10/21/75-02/06/90	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/72-12/11/90	1	1.76	1.76	1.76	1.76	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/11/72-06/05/80	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/11/72-11/27/79	1	4300.	4300.	4300.	4300.	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/11/72-11/27/79	1	3.633	3.633	3.633	3.633	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/11/72-11/27/79			4300.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/11/72-11/27/79	1	91.	91.	91.	91.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/11/72-11/27/79	1	1.959	1.959	1.959	1.959	0.	0.	**	**	**	**

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Annual Analysis for 1975 - Station GREE0053

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31614 GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			91.								

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Annual Analysis for 1976 - Station GREE0053

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/71-06/04/91	12	11.	10.833	19.	1.	47.061	6.86	1.3	3.25	17.75	18.7
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/14/71-06/04/91	12	15.	13.25	25.	-3.	87.841	9.372	5.	6.	20.75	24.7
00032 CLOUD COVER (PERCENT)	01/14/71-06/04/91	12	12.5	25.	100.	0.	1136.364	33.71	0.	0.	43.75	92.5
00075 TURBIDITY, HELLOGE (PPM AS SILICON DIOXIDE)	01/11/72-11/11/77	12	5.	6.583	19.	0.	35.538	5.961	0.3	1.25	11.25	17.5
00300p OXYGEN, DISSOLVED MG/L	01/14/71-11/03/81	11	11.3	11.245	13.4	9.5	2.427	1.558	9.5	9.6	13.2	13.4
00301 OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/14/71-10/04/88	11	98.1	97.991	102.2	92.6	10.765	3.281	92.66	96.4	101.1	102.16
00310p BOD, 5 DAY, 20 DEG C MG/L	01/11/72-12/11/90	12	1.05	1.05	2.3	0.	0.685	0.827	0.03	0.25	1.75	2.27
00400p PH (STANDARD UNITS)	01/14/71-06/04/91	11	7.2	7.245	8.1	6.7	0.161	0.401	6.72	7.	7.5	8.02
00400p CONVERTED PH (STANDARD UNITS)	01/14/71-06/04/91	11	7.2	7.111	8.1	6.7	0.181	0.425	6.72	7.	7.5	8.02
00400p MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/14/71-06/04/91	11	0.063	0.078	0.2	0.008	0.003	0.058	0.01	0.032	0.1	0.191
00403 PH, LAB, STANDARD UNITS SU	01/11/72-11/03/81	12	6.95	6.95	7.4	6.5	0.103	0.321	6.53	6.625	7.275	7.4
00403 CONVERTED PH, LAB, STANDARD UNITS	01/11/72-11/03/81	12	6.947	6.85	7.4	6.5	0.114	0.337	6.53	6.625	7.275	7.4
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/11/72-11/03/81	12	0.113	0.141	0.316	0.04	0.009	0.094	0.04	0.053	0.238	0.297
00500 RESIDUE, TOTAL (MG/L)	10/21/75-02/06/90	12	60.	63.5	99.	32.	487.	22.068	33.2	44.75	83.25	98.4
00630p NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/72-12/11/90	12	1.2	1.19	1.76	0.82	0.058	0.242	0.847	1.06	1.26	1.658
00650 PHOSPHATE, TOTAL (MG/L AS PO4)	01/11/72-06/05/80	11	0.07	0.08	0.23	0.	0.003	0.056	0.008	0.06	0.08	0.204
31506 COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/11/72-11/27/79	12	4450.	5596.667	15000.	360.	17019769.697	4125.502	972.	2875.	8125.	13800.
31506 LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/11/72-11/27/79	12	3.648	3.616	4.176	2.556	0.169	0.411	2.803	3.444	3.892	4.136
31506 GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			4129.976								
31614 FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/11/72-11/27/79	12	150.	173.583	430.	15.	15164.447	123.144	21.3	91.	230.	409.
31614 LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/11/72-11/27/79	12	2.176	2.106	2.633	1.176	0.167	0.409	1.29	1.959	2.362	2.61
31614 GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			127.548								

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Annual Analysis for 1977 - Station GREE0053

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/71-06/04/91	10	5.5	9.9	19.	-1.	44.1	6.641	2.4	6.75	15.75	18.9
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/14/71-06/04/91	10	14.	12.1	24.	-1.	70.322	8.386	1.4	8.	18.5	23.6
00032 CLOUD COVER (PERCENT)	01/14/71-06/04/91	10	50.	45.	100.	0.	1222.222	34.96	0.	18.75	62.5	100.
00075 TURBIDITY, HELLOGE (PPM AS SILICON DIOXIDE)	01/11/72-11/11/77	10	6.	7.1	21.	1.	41.211	6.42	1.	1.75	11.	20.3
00300p OXYGEN, DISSOLVED MG/L	01/14/71-11/03/81	10	9.9	10.34	13.4	7.6	3.707	1.925	7.67	9.125	12.325	13.36
00301 OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/14/71-10/04/88	10	90.5	89.45	104.	77.	71.285	8.443	77.3	80.525	95.1	103.32
00310p BOD, 5 DAY, 20 DEG C MG/L	01/11/72-12/11/90	8	1.25	1.35	2.7	0.2	0.954	0.977	**	**	**	**
00400p PH (STANDARD UNITS)	01/14/71-06/04/91	10	7.3	7.35	8.	6.9	0.116	0.341	6.9	7.2	7.5	7.98
00400p CONVERTED PH (STANDARD UNITS)	01/14/71-06/04/91	10	7.3	7.246	8.	6.9	0.128	0.358	6.9	7.2	7.5	7.98
00400p MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/14/71-06/04/91	10	0.05	0.057	0.126	0.01	0.002	0.039	0.011	0.034	0.069	0.126
00403 PH, LAB, STANDARD UNITS SU	01/11/72-11/03/81	10	6.9	6.77	7.	6.	0.091	0.302	6.05	6.725	6.9	6.99
00403 CONVERTED PH, LAB, STANDARD UNITS	01/11/72-11/03/81	10	6.9	6.633	7.	6.	0.112	0.335	6.05	6.725	6.9	6.99
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/11/72-11/03/81	10	0.126	0.233	1.	0.1	0.076	0.276	0.103	0.126	0.198	0.932
00500 RESIDUE, TOTAL (MG/L)	10/21/75-02/06/90	10	44.5	46.8	80.	28.	229.956	15.164	28.5	37.5	52.75	78.4
00630p NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/72-12/11/90	10	1.05	1.054	1.52	0.7	0.063	0.252	0.71	0.8	1.24	1.498
00650 PHOSPHATE, TOTAL (MG/L AS PO4)	01/11/72-06/05/80	10	0.055	0.061	0.14	0.	0.002	0.046	0.	0.03	0.095	0.137
31506 COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/11/72-11/27/79	10	2350.	4639.4	15000.	4.	27619154.711	5255.393	26.6	755.	9725.	14600.
31506 LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/11/72-11/27/79	10	3.371	3.146	4.176	0.602	1.114	1.056	0.778	2.817	3.987	4.163
31506 GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1400.273								
31614 FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/11/72-11/27/79	10	480.	1316.2	4300.	15.	2939953.067	1714.629	17.1	77.25	2800.	4300.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GREE0053

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31614 LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/11/72-11/27/79	10	2.613	2.588	3.633	1.176	0.729	0.854	1.214	1.858	3.43	3.633
31614 GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			386.844								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GREE0053

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/71-06/04/91	13	12.	11.615	22.	-1.	54.423	7.377	3.	7.	18.	21.2
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/14/71-06/04/91	13	16.	15.077	34.	-3.	133.077	11.536	6.4	3.	25.	31.2
00032 CLOUD COVER (PERCENT)	01/14/71-06/04/91	13	100.	57.692	100.	0.	2435.897	49.355	0.	0.	100.	100.
00300p OXYGEN, DISSOLVED MG/L	01/14/71-11/03/81	13	10.4	9.815	12.9	7.1	2.698	1.643	7.34	8.35	10.7	12.34
00301 OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/14/71-10/04/88	13	90.8	88.346	96.2	71.2	59.441	7.71	72.6	84.25	93.75	95.44
00310p BOD, 5 DAY, 20 DEG C MG/L	01/11/72-12/11/90	13	1.8	1.915	5.	0.1	1.913	1.383	0.22	0.65	2.8	4.32
00400p PH (STANDARD UNITS)	01/14/71-06/04/91	12	6.9	6.867	7.5	6.	0.248	0.498	6.09	6.375	7.375	7.47
00400p CONVERTED PH (STANDARD UNITS)	01/14/71-06/04/91	12	6.889	6.609	7.5	6.	0.32	0.566	6.09	6.375	7.375	7.47
00400p MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/14/71-06/04/91	12	0.129	0.246	1.	0.032	0.084	0.29	0.034	0.042	0.439	0.85
00403 PH, LAB, STANDARD UNITS SU	01/11/72-11/03/81	13	6.6	6.515	6.8	6.2	0.045	0.212	6.2	6.35	6.7	6.8
00403 CONVERTED PH, LAB, STANDARD UNITS	01/11/72-11/03/81	13	6.6	6.468	6.8	6.2	0.047	0.217	6.2	6.35	6.7	6.8
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/11/72-11/03/81	13	0.251	0.341	0.631	0.158	0.028	0.167	0.158	0.2	0.45	0.631
00500 RESIDUE, TOTAL (MG/L)	10/21/75-02/06/90	13	68.	129.538	719.	46.	32390.269	179.973	48.	53.5	120.5	490.6
00630p NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/72-12/11/90	13	1.1	1.008	1.5	0.	0.149	0.386	0.24	0.8	1.25	1.42
00650 PHOSPHATE, TOTAL (MG/L AS PO4)	01/11/72-06/05/80	13	0.08	0.117	0.34	0.	0.011	0.107	0.016	0.04	0.21	0.316
31506 COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/11/72-11/27/79	12	1615.	38245.	240000.	230.	5306811300.	72847.864	278.	430.	62250.	201000.
31506 LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/11/72-11/27/79	12	3.165	3.569	5.38	2.362	1.159	1.076	2.431	2.633	4.751	5.279
31506 GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			3707.353								
31614 FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/11/72-11/27/79	11	230.	22911.455	240000.	15.	5191476106.273	72051.899	20.	70.	1500.	193860.
31614 LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/11/72-11/27/79	11	2.362	2.601	5.38	1.176	1.423	1.193	1.261	1.845	3.176	5.098
31614 GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			398.831								

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Annual Analysis for 1979 - Station GREE0053

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/71-06/04/91	11	15.	12.727	19.	1.	33.818	5.815	1.8	9.	17.	19.
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/14/71-06/04/91	12	15.5	12.917	26.	-7.	94.447	9.718	2.4	8.25	21.	25.1
00032 CLOUD COVER (PERCENT)	01/14/71-06/04/91	12	87.5	58.333	100.	0.	2310.606	48.069	0.	0.	100.	100.
00300p OXYGEN, DISSOLVED MG/L	01/14/71-11/03/81	11	9.6	9.836	12.4	8.4	1.167	1.08	8.52	9.2	10.2	12.12
00301 OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/14/71-10/04/88	11	90.9	91.773	103.2	77.5	42.54	6.522	79.58	88.2	96.9	101.94
00310p BOD, 5 DAY, 20 DEG C MG/L	01/11/72-12/11/90	12	1.2	1.567	3.7	0.4	1.117	1.057	0.46	0.8	2.25	3.55
00400p PH (STANDARD UNITS)	01/14/71-06/04/91	12	6.8	6.917	7.5	6.6	0.111	0.333	6.6	6.7	7.225	7.5
00400p CONVERTED PH (STANDARD UNITS)	01/14/71-06/04/91	12	6.8	6.826	7.5	6.6	0.119	0.346	6.6	6.7	7.225	7.5
00400p MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/14/71-06/04/91	12	0.158	0.149	0.251	0.032	0.006	0.079	0.032	0.063	0.2	0.251
00403 PH, LAB, STANDARD UNITS SU	01/11/72-11/03/81	12	6.4	6.408	6.9	6.1	0.048	0.219	6.1	6.3	6.5	6.81
00403 CONVERTED PH, LAB, STANDARD UNITS	01/11/72-11/03/81	12	6.4	6.362	6.9	6.1	0.05	0.225	6.1	6.3	6.5	6.81
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/11/72-11/03/81	12	0.398	0.435	0.794	0.126	0.041	0.201	0.163	0.316	0.501	0.794
00500 RESIDUE, TOTAL (MG/L)	10/21/75-02/06/90	12	61.	61.75	83.	39.	142.205	11.925	42.3	52.75	71.5	79.7
00630p NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/72-12/11/90	12	1.15	1.083	1.4	0.7	0.056	0.237	0.7	0.85	1.275	1.37
00650 PHOSPHATE, TOTAL (MG/L AS PO4)	01/11/72-06/05/80	12	0.05	0.056	0.13	0.	0.002	0.04	0.	0.03	0.08	0.124
31506 COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/11/72-11/27/79	12	10150.	10935.833	24000.	930.	70193226.515	8378.14	1281.	4300.	19500.	24000.
31506 LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/11/72-11/27/79	12	4.005	3.875	4.38	2.968	0.197	0.444	3.075	3.633	4.286	4.38
31506 GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			7500.538								
31614 FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/11/72-11/27/79	12	930.	1453.	4600.	15.	2175754.364	1475.044	37.8	400.	2175.	4390.
31614 LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/11/72-11/27/79	12	2.968	2.846	3.663	1.176	0.495	0.703	1.411	2.602	3.329	3.641

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Annual Analysis for 1979 - Station GREE0053

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31614 GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			702.251								

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Annual Analysis for 1980 - Station GREE0053

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/71-06/04/91	13	13.	12.308	22.	1.	45.897	6.775	1.4	7.	18.5	21.2
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/14/71-06/04/91	14	14.	14.286	30.	-2.	98.681	9.934	1.5	8.75	21.75	29.
00032 CLOUD COVER (PERCENT)	01/14/71-06/04/91	14	62.5	58.929	100.	0.	1500.687	38.739	0.	25.	100.	100.
00300p OXYGEN, DISSOLVED MG/L	01/14/71-11/03/81	13	10.2	10.5	14.2	8.2	3.95	1.987	8.2	8.4	12.2	13.64
00301 OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/14/71-10/04/88	13	93.5	95.669	111.3	87.4	43.694	6.61	88.08	90.8	99.6	108.14
00310p BOD, 5 DAY, 20 DEG C MG/L	01/11/72-12/11/90	14	1.15	1.6	6.4	0.2	2.298	1.516	0.35	0.825	2.05	4.35
00400p PH (STANDARD UNITS)	01/14/71-06/04/91	14	6.8	6.771	7.2	6.3	0.05	0.223	6.4	6.675	6.925	7.1
00400p CONVERTED PH (STANDARD UNITS)	01/14/71-06/04/91	14	6.8	6.716	7.2	6.3	0.053	0.231	6.4	6.675	6.925	7.1
00400p MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/14/71-06/04/91	14	0.158	0.192	0.501	0.063	0.012	0.11	0.082	0.119	0.212	0.409
00403 PH, LAB, STANDARD UNITS SU	01/11/72-11/03/81	14	6.7	6.593	6.9	6.	0.09	0.3	6.	6.5	6.8	6.85
00403 CONVERTED PH, LAB, STANDARD UNITS	01/11/72-11/03/81	14	6.7	6.475	6.9	6.	0.105	0.324	6.	6.5	6.8	6.85
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/11/72-11/03/81	14	0.2	0.335	1.	0.126	0.094	0.307	0.142	0.158	0.346	1.
00500 RESIDUE, TOTAL (MG/L)	10/21/75-02/06/90	14	52.	55.429	85.	41.	139.495	11.811	42.	47.75	60.5	78.
00630p NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/72-12/11/90	14	1.3	1.221	1.6	0.8	0.037	0.193	0.9	1.1	1.3	1.5
00650 PHOSPHATE, TOTAL (MG/L AS PO4)	01/11/72-06/05/80	6	0.065	0.05	0.07	0.015	0.001	0.027	**	**	**	**

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Annual Analysis for 1981 - Station GREE0053

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/71-06/04/91	4	17.	16.	20.	10.	24.	4.899	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/14/71-06/04/91	4	19.5	18.25	22.	12.	20.25	4.5	**	**	**	**
00032 CLOUD COVER (PERCENT)	01/14/71-06/04/91	4	37.5	43.75	100.	0.	1822.917	42.696	**	**	**	**
00300p OXYGEN, DISSOLVED MG/L	01/14/71-11/03/81	4	9.	8.85	9.6	7.8	0.677	0.823	**	**	**	**
00301 OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/14/71-10/04/88	4	87.7	88.425	93.5	84.8	18.176	4.263	**	**	**	**
00310p BOD, 5 DAY, 20 DEG C MG/L	01/11/72-12/11/90	4	1.75	1.875	3.7	0.3	1.963	1.401	**	**	**	**
00400p PH (STANDARD UNITS)	01/14/71-06/04/91	4	6.65	6.65	6.7	6.6	0.003	0.058	**	**	**	**
00400p CONVERTED PH (STANDARD UNITS)	01/14/71-06/04/91	4	6.647	6.647	6.7	6.6	0.003	0.058	**	**	**	**
00400p MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/14/71-06/04/91	4	0.225	0.225	0.251	0.2	0.001	0.03	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	01/11/72-11/03/81	4	6.75	6.775	6.9	6.7	0.009	0.096	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	01/11/72-11/03/81	4	6.747	6.767	6.9	6.7	0.009	0.096	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/11/72-11/03/81	4	0.179	0.171	0.2	0.126	0.001	0.036	**	**	**	**
00500 RESIDUE, TOTAL (MG/L)	10/21/75-02/06/90	4	70.	72.5	98.	52.	385.	19.621	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GREE0053

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00032 CLOUD COVER (PERCENT)	01/14/71-06/04/91	1	50.	50.	50.	50.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GREE0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/71-06/04/91	6	15.7	15.133	21.5	4.3	34.683	5.889	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/14/71-06/04/91	6	18.6	19.417	30.	5.9	86.098	9.279	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/14/71-06/04/91	6	0.	20.833	100.	0.	1604.167	40.052	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/14/71-10/04/88	5	94.6	79.72	112.1	9.7	1625.327	40.315	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/11/72-12/11/90	6	1.	1.333	3.	0.5	0.967	0.983	**	**	**	**
00400p	PH (STANDARD UNITS)	01/14/71-06/04/91	6	6.85	6.783	7.3	5.9	0.262	0.512	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	01/14/71-06/04/91	6	6.825	6.494	7.3	5.9	0.362	0.602	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/14/71-06/04/91	6	0.15	0.32	1.259	0.05	0.218	0.466	**	**	**	**

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Annual Analysis for 1989 - Station GREE0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/71-06/04/91	14	12.25	12.9	26.	3.1	46.726	6.836	3.35	7.85	18.125	23.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/14/71-06/04/91	14	16.65	14.85	27.7	3.6	62.163	7.884	4.05	5.025	20.425	25.55
00032	CLOUD COVER (PERCENT)	01/14/71-06/04/91	15	75.	53.333	100.	0.	2130.952	46.162	0.	0.	100.	100.
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/11/72-12/11/90	15 ##	0.5	1.8	7.	0.5	3.743	1.935	0.5	0.5	3.	5.2
00400p	PH (STANDARD UNITS)	01/14/71-06/04/91	15	7.	6.867	7.1	6.4	0.041	0.202	6.46	6.8	7.	7.04
00400p	CONVERTED PH (STANDARD UNITS)	01/14/71-06/04/91	15	7.	6.815	7.1	6.4	0.044	0.209	6.46	6.8	7.	7.04
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/14/71-06/04/91	15	0.1	0.153	0.398	0.079	0.008	0.091	0.092	0.1	0.158	0.349

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GREE0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/71-06/04/91	21	12.6	11.667	21.3	2.4	37.502	6.124	4.2	5.55	17.55	20.44
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/14/71-06/04/91	21	13.4	13.914	27.7	0.3	70.85	8.417	3.	6.65	23.2	24.78
00032	CLOUD COVER (PERCENT)	01/14/71-06/04/91	21	0.	22.619	100.	0.	1119.048	33.452	0.	0.	37.5	95.
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/11/72-12/11/90	20	2.	4.05	27.	1.	33.839	5.817	1.	1.	4.75	7.9
00400p	PH (STANDARD UNITS)	01/14/71-06/04/91	19	6.9	6.926	7.2	6.7	0.014	0.119	6.8	6.8	7.	7.1
00400p	CONVERTED PH (STANDARD UNITS)	01/14/71-06/04/91	19	6.9	6.911	7.2	6.7	0.015	0.12	6.8	6.8	7.	7.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/14/71-06/04/91	19	0.126	0.123	0.2	0.063	0.001	0.033	0.079	0.1	0.158	0.158
00500	RESIDUE, TOTAL (MG/L)	10/21/75-02/06/90	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/72-12/11/90	18	1.415	1.324	1.61	0.87	0.064	0.253	0.897	1.13	1.505	1.601

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

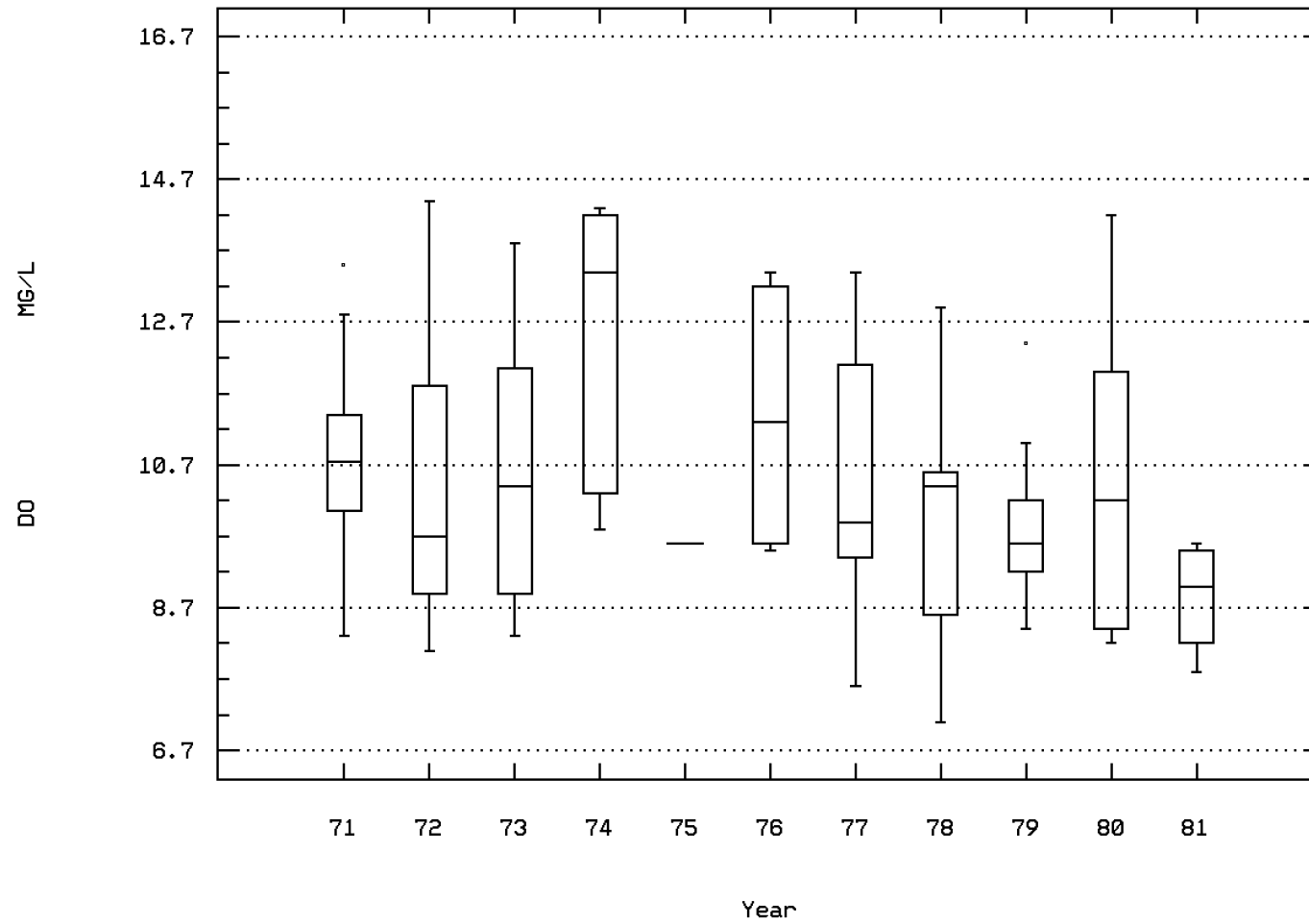
Annual Analysis for 1991 - Station GREE0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/71-06/04/91	3	7.4	8.833	18.3	0.8	78.103	8.838	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/14/71-06/04/91	2	11.85	11.85	17.4	6.3	61.605	7.849	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/14/71-06/04/91	3	75.	58.333	100.	0.	2708.333	52.042	**	**	**	**
00400p	PH (STANDARD UNITS)	01/14/71-06/04/91	3	6.8	6.667	6.9	6.3	0.103	0.321	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	01/14/71-06/04/91	3	6.8	6.582	6.9	6.3	0.114	0.338	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/14/71-06/04/91	3	0.158	0.262	0.501	0.126	0.043	0.208	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GREE0053 Parameter Code: 00300

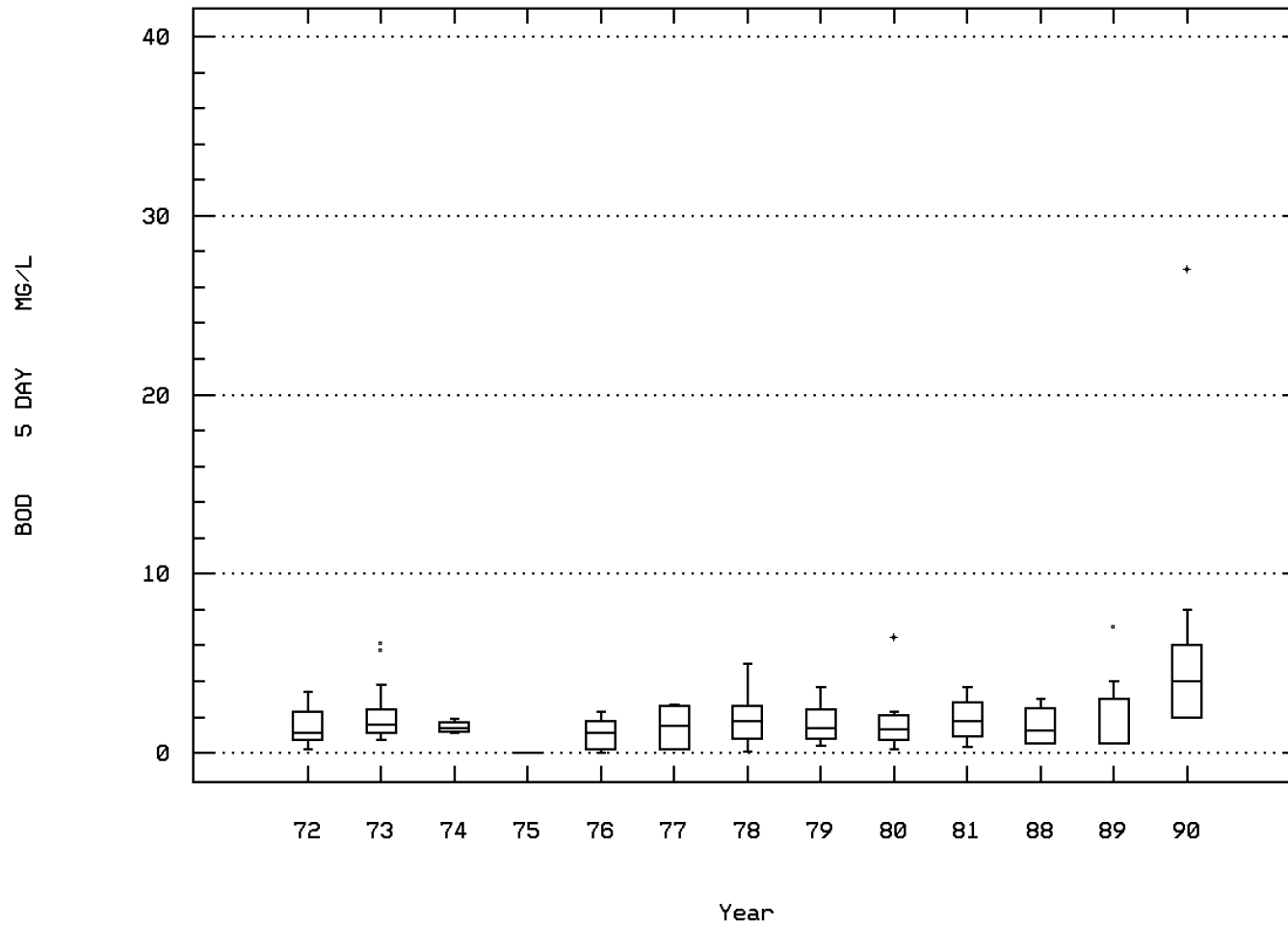
OXYGEN, DISSOLVED



PAINT BRANCH AT FAIRLAND ROAD

Station: GREE0053 Parameter Code: 00310

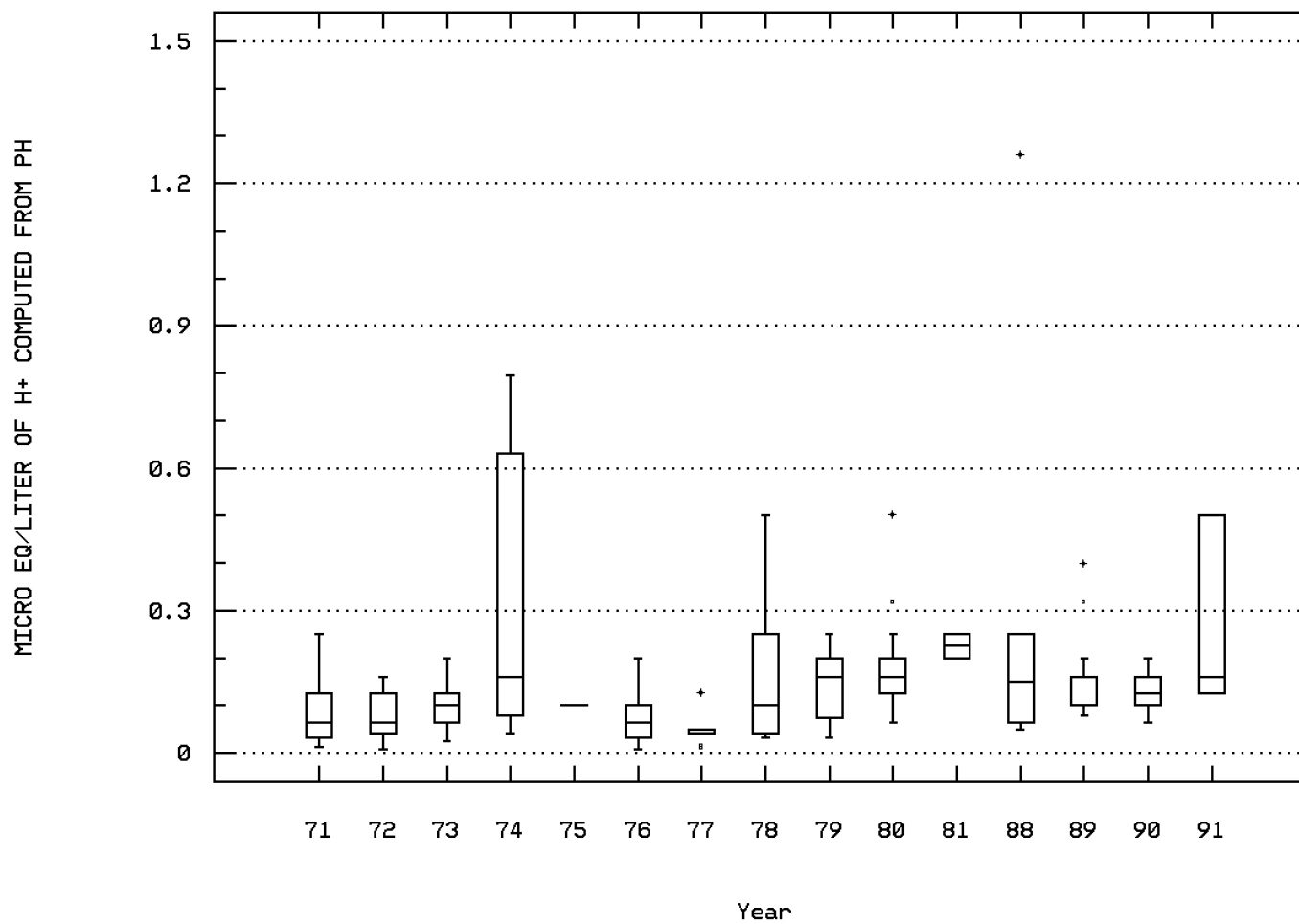
BOD, 5 DAY, 20 DEG C



PAINT BRANCH AT FAIRLAND ROAD

Station: GREE0053 Parameter Code: 00400

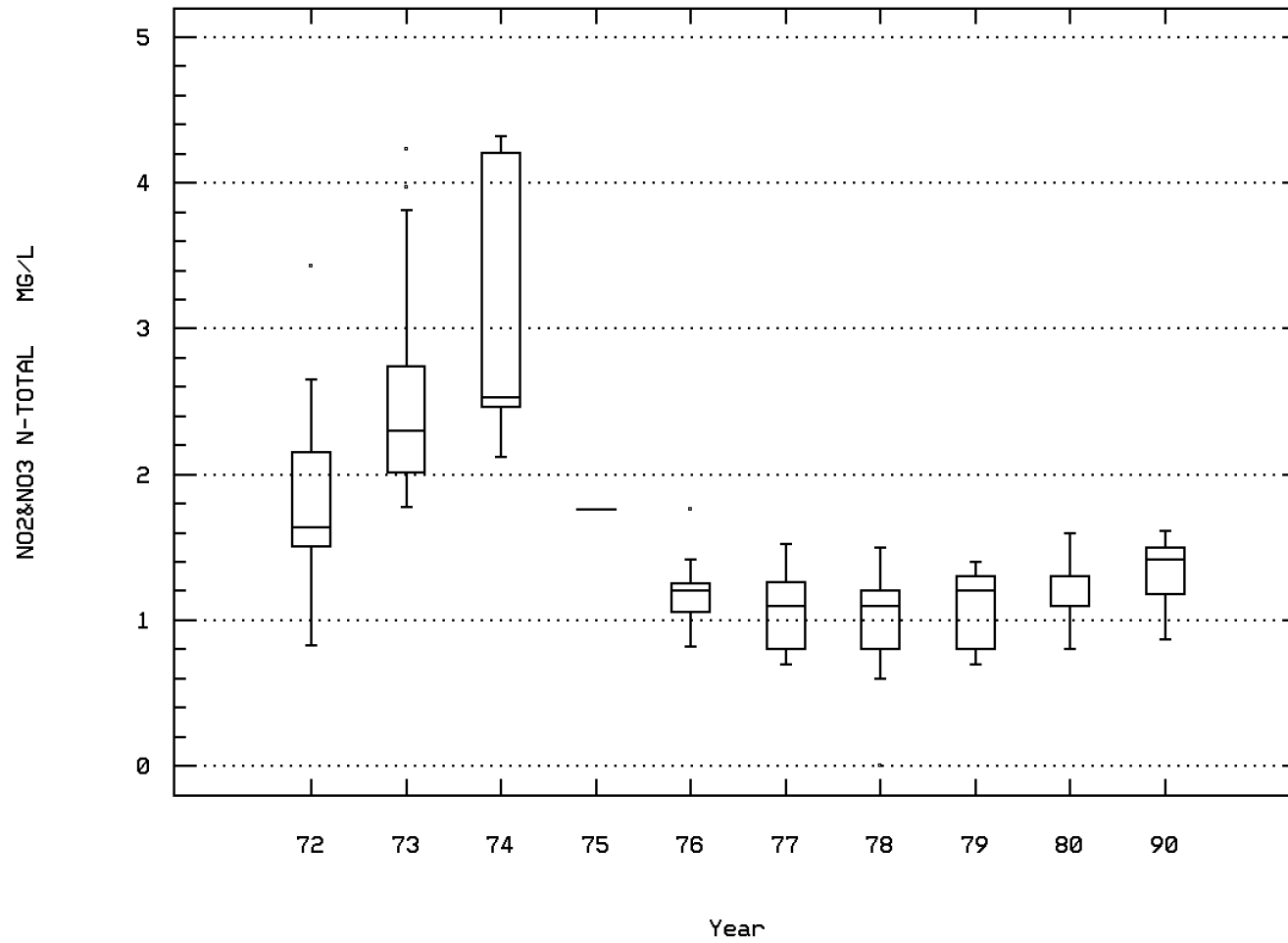
MICRO EQ/LITER OF H+ COMPUTED FROM PH



PAINT BRANCH AT FAIRLAND ROAD

Station: GREE0053 Parameter Code: 00630

NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L)



PAINT BRANCH AT FAIRLAND ROAD

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station GREE0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/71-06/04/91	60	19.	18.332	26.	9.4	9.508	3.083	14.73	16.25	20.	21.48
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/14/71-06/04/91	60	23.	22.258	34.	10.	21.319	4.617	16.02	20.	25.	27.97
00032	CLOUD COVER (PERCENT)	01/14/71-06/04/91	60	25.	42.083	100.	0.	2023.129	44.979	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/14/71-11/03/81	45	8.9	8.953	11.1	7.1	0.749	0.866	7.98	8.3	9.6	10.14
00301p	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/14/71-10/04/88	31	92.	90.535	110.8	9.7	283.499	16.837	80.74	89.2	97.	103.
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/11/72-12/11/90	49	0.9	1.314	6.4	0.	1.431	1.196	0.4	0.5	1.8	3.
00400p	PH (STANDARD UNITS)	01/14/71-06/04/91	52	7.15	7.156	8.1	6.4	0.157	0.397	6.7	6.8	7.4	7.7
00400p	CONVERTED PH (STANDARD UNITS)	01/14/71-06/04/91	52	7.147	6.996	8.1	6.4	0.184	0.428	6.7	6.8	7.4	7.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/14/71-06/04/91	52	0.071	0.101	0.398	0.008	0.007	0.086	0.02	0.04	0.158	0.2
00403	PH, LAB, STANDARD UNITS SU	01/11/72-11/03/81	36	6.9	6.892	7.5	6.2	0.131	0.362	6.37	6.625	7.25	7.4
00403	CONVERTED PH, LAB, STANDARD UNITS	01/11/72-11/03/81	36	6.9	6.751	7.5	6.2	0.151	0.389	6.37	6.625	7.25	7.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/11/72-11/03/81	36	0.126	0.177	0.631	0.032	0.022	0.148	0.04	0.057	0.238	0.429
00500p	RESIDUE, TOTAL (MG/L)	10/21/75-02/06/90	23	62.	63.522	113.	28.	347.079	18.63	41.8	52.	72.	92.8
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/72-12/11/90	39	1.23	1.438	2.65	0.8	0.242	0.492	0.9	1.1	1.78	2.21
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/11/72-06/05/80	30	0.085	0.111	0.34	0.	0.007	0.081	0.02	0.07	0.145	0.248
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/14/80-12/11/90	20	4450.	20864.5	240000.	240.	2778810678.684	52714.426	825.	2325.	16000.	43800.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/14/80-12/11/90	20	3.648	3.761	5.38	2.38	0.451	0.672	2.905	3.366	4.204	4.635
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	GEOMETRIC MEAN =			5762.681								
31506	COLIFORM,TOT,MPN,CONFIRMED TEST, TUBE CONFIG.	01/11/72-11/27/79	30	4300.	18281.667	240000.	230.	2033026290.23	45089.093	930.	2300.	12000.	46000.
31506	LOG COLIFORM,TOT,MPN,CONFIRMED TEST, TUBE CONFIG.	01/11/72-11/27/79	30	3.633	3.71	5.38	2.362	0.42	0.648	2.968	3.362	4.075	4.663
31506	GM COLIFORM,TOT,MPN,CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			5126.608								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/11/72-11/27/79	29	430.	9732.207	240000.	36.	1967486849.099	44356.362	91.	230.	1900.	9300.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/11/72-11/27/79	29	2.633	2.815	5.38	1.556	0.623	0.789	1.959	2.362	3.269	3.968
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			653.068								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/14/80-12/11/90	20	1150.	5689.15	24000.	93.	66781631.292	8172.003	196.	460.	13075.	22300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/14/80-12/11/90	20	3.06	3.247	4.38	1.968	0.523	0.723	2.271	2.663	4.061	4.346
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1764.034								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station GREE0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/71-06/04/91	81	6.	5.433	14.	-1.	11.498	3.391	1.	2.7	8.	7.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/14/71-06/04/91	81	8.	6.133	21.	-7.	29.611	5.442	1.	3.3	-5.	13.
00032	CLOUD COVER (PERCENT)	01/14/71-06/04/91	86	50.	46.802	100.	0.	1747.008	41.797	0.	0.	100.	100.
00300	OXYGEN, DISSOLVED MG/L	01/14/71-11/03/81	65	11.8	11.865	14.4	9.4	1.835	1.355	9.8	11.	13.15	13.54
00301p	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/14/71-10/04/88	37	90.4	89.714	104.	71.2	53.187	7.293	80.06	85.25	94.35	100.
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/11/72-12/11/90	66	1.9	2.482	27.	0.	11.334	3.367	0.77	1.175	2.55	4.
00400p	PH (STANDARD UNITS)	01/14/71-06/04/91	78	6.9	6.904	7.8	5.9	0.105	0.323	6.59	6.8	7.1	7.3
00400p	CONVERTED PH (STANDARD UNITS)	01/14/71-06/04/91	78	6.9	6.763	7.8	5.9	0.125	0.353	6.59	6.8	7.1	7.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/14/71-06/04/91	78	0.126	0.173	1.259	0.016	0.039	0.198	0.05	0.079	0.158	0.258
00403	PH, LAB, STANDARD UNITS SU	01/11/72-11/03/81	51	6.9	6.798	7.6	6.	0.169	0.412	6.12	6.5	7.2	7.3
00403	CONVERTED PH, LAB, STANDARD UNITS	01/11/72-11/03/81	51	6.9	6.6	7.6	6.	0.21	0.458	6.12	6.5	7.2	7.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/11/72-11/03/81	51	0.126	0.251	1.	0.025	0.071	0.267	0.05	0.063	0.316	0.762
00500p	RESIDUE, TOTAL (MG/L)	10/21/75-02/06/90	30	56.	62.	148.	3.	815.793	28.562	36.3	46.	73.	98.8
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/72-12/11/90	57	1.5	1.689	4.21	0.6	0.638	0.798	0.8	1.11	2.22	2.718
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/11/72-06/05/80	46	0.1	0.163	1.5	0.	0.058	0.241	0.04	0.06	0.153	0.389
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/14/80-12/11/90	23	750.	2312.826	24000.	23.	25895515.241	5088.764	57.4	350.	2400.	6360.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/14/80-12/11/90	23	2.875	2.848	4.38	1.362	0.481	0.693	1.739	2.544	3.38	3.725
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	GEOMETRIC MEAN =			703.927								
31506	COLIFORM,TOT,MPN,CONFIRMED TEST, TUBE CONFIG.	01/11/72-11/27/79	43	2300.	9503.419	93000.	4.	403881799.106	20096.811	230.	430.	9300.	24000.
31506	LOG COLIFORM,TOT,MPN,CONFIRMED TEST, TUBE CONFIG.	01/11/72-11/27/79	43	3.362	3.279	4.968	0.602	0.801	0.895	2.362	2.633	3.968	4.38
31506	GM COLIFORM,TOT,MPN,CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1899.927								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/11/72-11/27/79	43	150.	682.953	7500.	15.	2107420.045	1451.696	18.2	43.	430.	2040.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/11/72-11/27/79	43	2.176	2.22	3.875	1.176	0.512	0.716	1.25	1.633	2.633	3.299
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			165.919								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station GREE0053

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	23	170.	668.304	2400.	9.	832541.221	912.437	19.4	79.	1600.	2400.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	23	2.23	2.324	3.38	0.954	0.545	0.738	1.283	1.898	3.204	3.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)			GEOMETRIC MEAN =								
				210.815								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

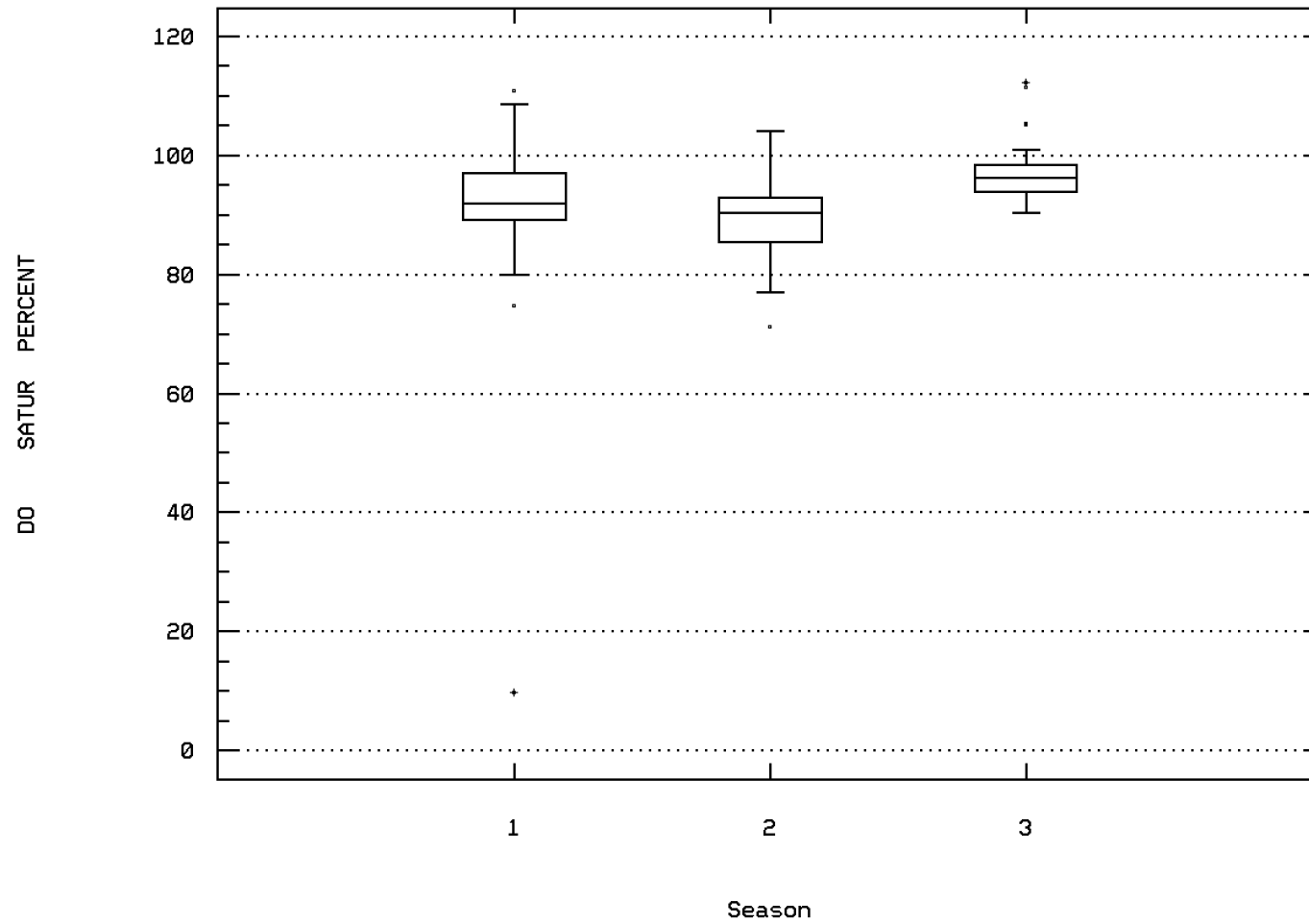
Seasonal Analysis for Season #3: 4/01 to 6/30 - Station GREE0053

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	52	14.	14.383	21.	8.	10.52	3.243	10.	12.	16.975	18.97
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	52	18.	18.019	29.2	5.	27.537	5.248	10.	15.	22.	24.79
00032	CLOUD COVER (PERCENT)	52	12.5	34.615	100.	0.	1768.477	42.053	0.	0.	75.	100.
00300	OXYGEN, DISSOLVED MG/L	36	10.1	10.039	12.4	8.2	1.069	1.034	8.4	9.4	10.4	11.73
00301p	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	23	96.2	97.63	112.1	90.3	33.134	5.756	91.82	93.9	98.3	108.86
00310p	BOD, 5 DAY, 20 DEG C MG/L	41	1.	1.698	8.	0.1	3.123	1.767	0.26	0.7	2.1	4.8
00400p	PH (STANDARD UNITS)	51	7.	7.084	8.2	6.2	0.145	0.381	6.7	6.8	7.3	7.58
00400p	CONVERTED PH (STANDARD UNITS)	51	7.	6.937	8.2	6.2	0.167	0.409	6.7	6.8	7.3	7.58
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	51	0.1	0.116	0.631	0.006	0.012	0.11	0.026	0.05	0.158	0.2
00403	PH, LAB, STANDARD UNITS SU	29	7.1	7.034	7.6	6.4	0.102	0.319	6.5	6.75	7.3	7.5
00403	CONVERTED PH, LAB, STANDARD UNITS	29	7.1	6.918	7.6	6.4	0.116	0.34	6.5	6.75	7.3	7.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	29	0.079	0.121	0.398	0.025	0.009	0.097	0.032	0.05	0.179	0.316
00500p	RESIDUE, TOTAL (MG/L)	14	53.5	102.429	719.	32.	31810.571	178.355	32.5	42.	69.5	407.5
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	35	1.3	1.597	4.32	0.	0.824	0.908	0.854	1.18	1.65	3.03
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	28	0.08	0.149	0.74	0.	0.033	0.182	0.	0.04	0.198	0.428
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	16	1100.	3394.563	24000.	93.	36909705.063	6075.336	181.9	607.5	2400.	14900.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	16	3.041	3.121	4.38	1.968	0.374	0.611	2.23	2.766	3.38	4.143
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)			1321.628								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	25	2400.	12603.2	110000.	290.	604167789.333	24579.825	414.	930.	10150.	44200.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	25	3.38	3.523	5.041	2.462	0.508	0.713	2.617	2.968	4.005	4.645
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.			3337.602								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	25	230.	1958.76	23000.	15.	23687528.857	4866.984	15.	80.5	1215.	6480.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	25	2.362	2.448	4.362	1.176	0.775	0.88	1.176	1.902	3.072	3.785
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION			280.436								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	16	430.	1371.563	11000.	23.	7357612.263	2712.492	32.1	97.25	2075.	4980.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	16	2.633	2.593	4.041	1.362	0.53	0.728	1.498	1.987	3.296	3.579
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)			391.878								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GREE0053 Parameter Code: 00301

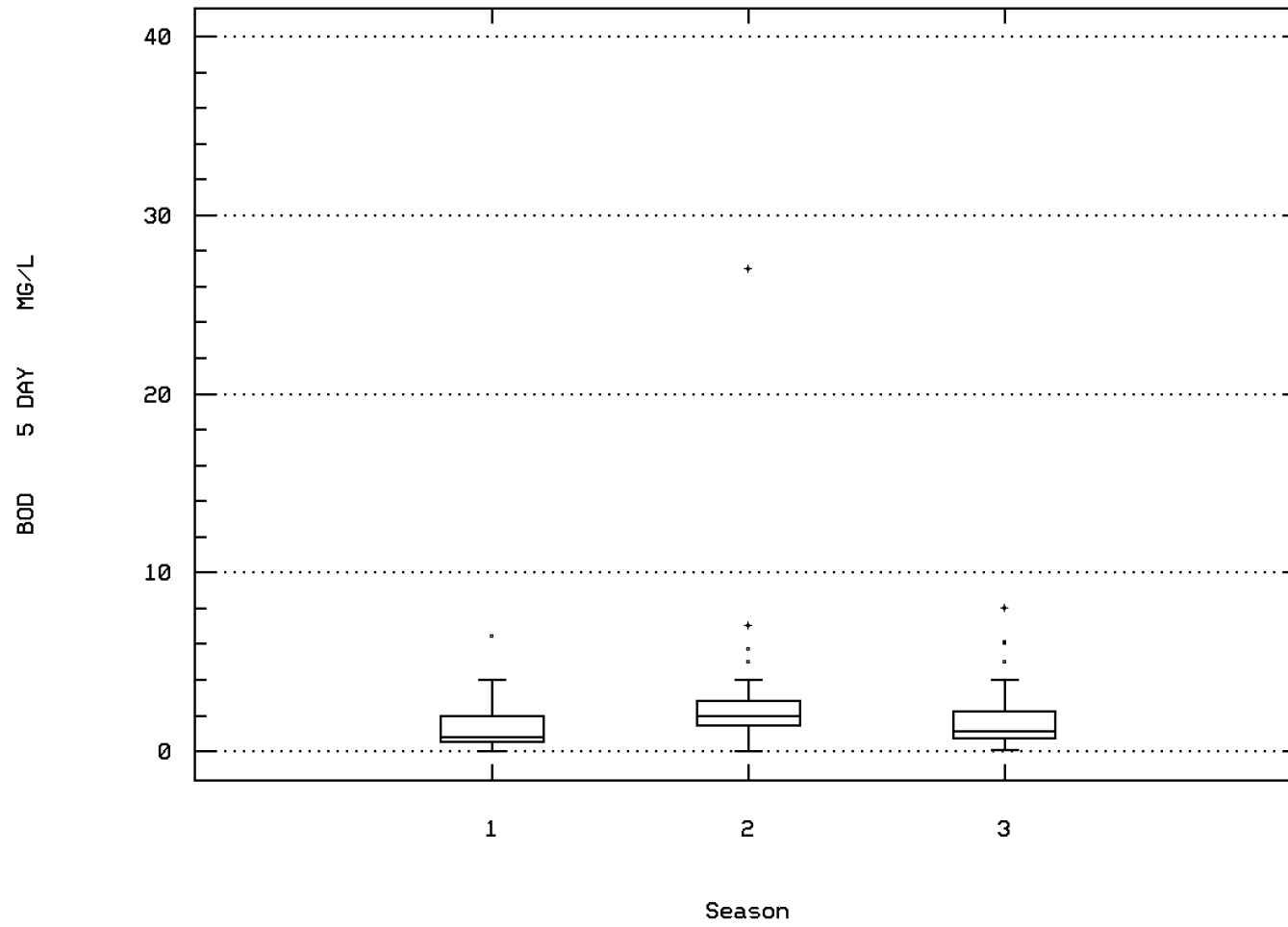
OXYGEN, DISSOLVED, PERCENT OF SATURATIO



PAINT BRANCH AT FAIRLAND ROAD

Station: GREE0053 Parameter Code: 00310

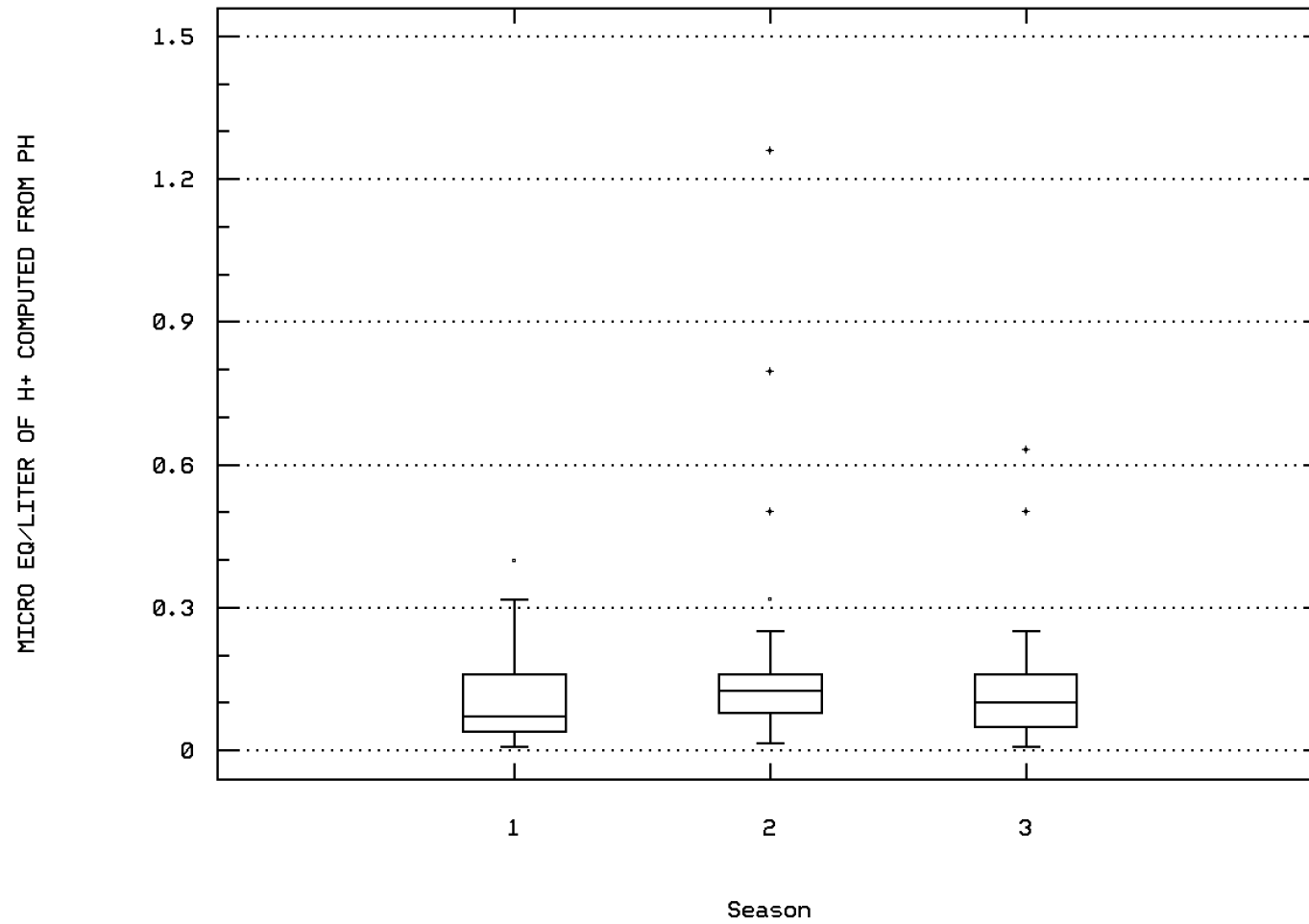
BOD, 5 DAY, 20 DEG C



PAINT BRANCH AT FAIRLAND ROAD

Station: GREE0053 Parameter Code: 00400

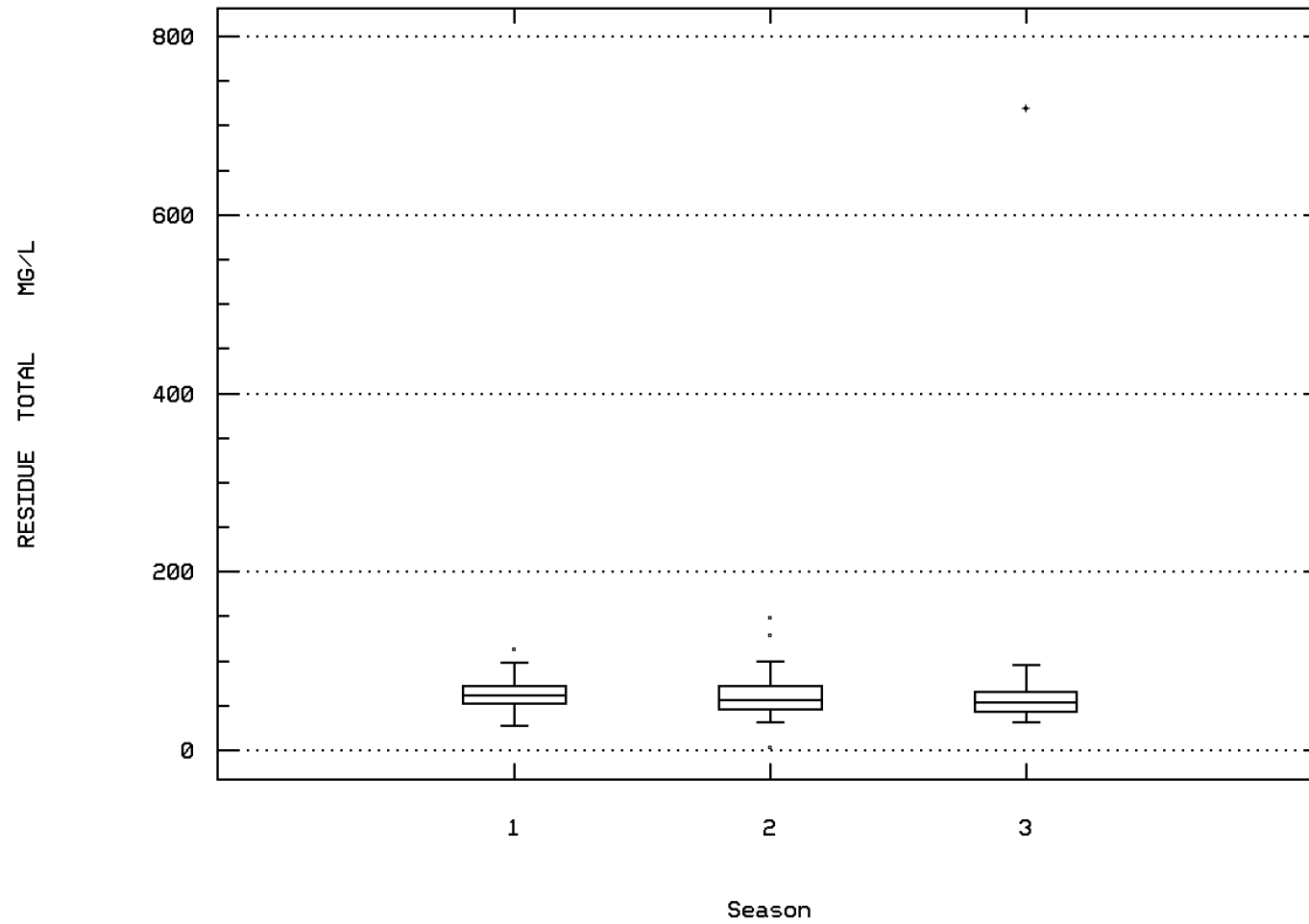
MICRO EQ/LITER OF H+ COMPUTED FROM PH



PAINT BRANCH AT FAIRLAND ROAD

Station: GREE0053 Parameter Code: 00500

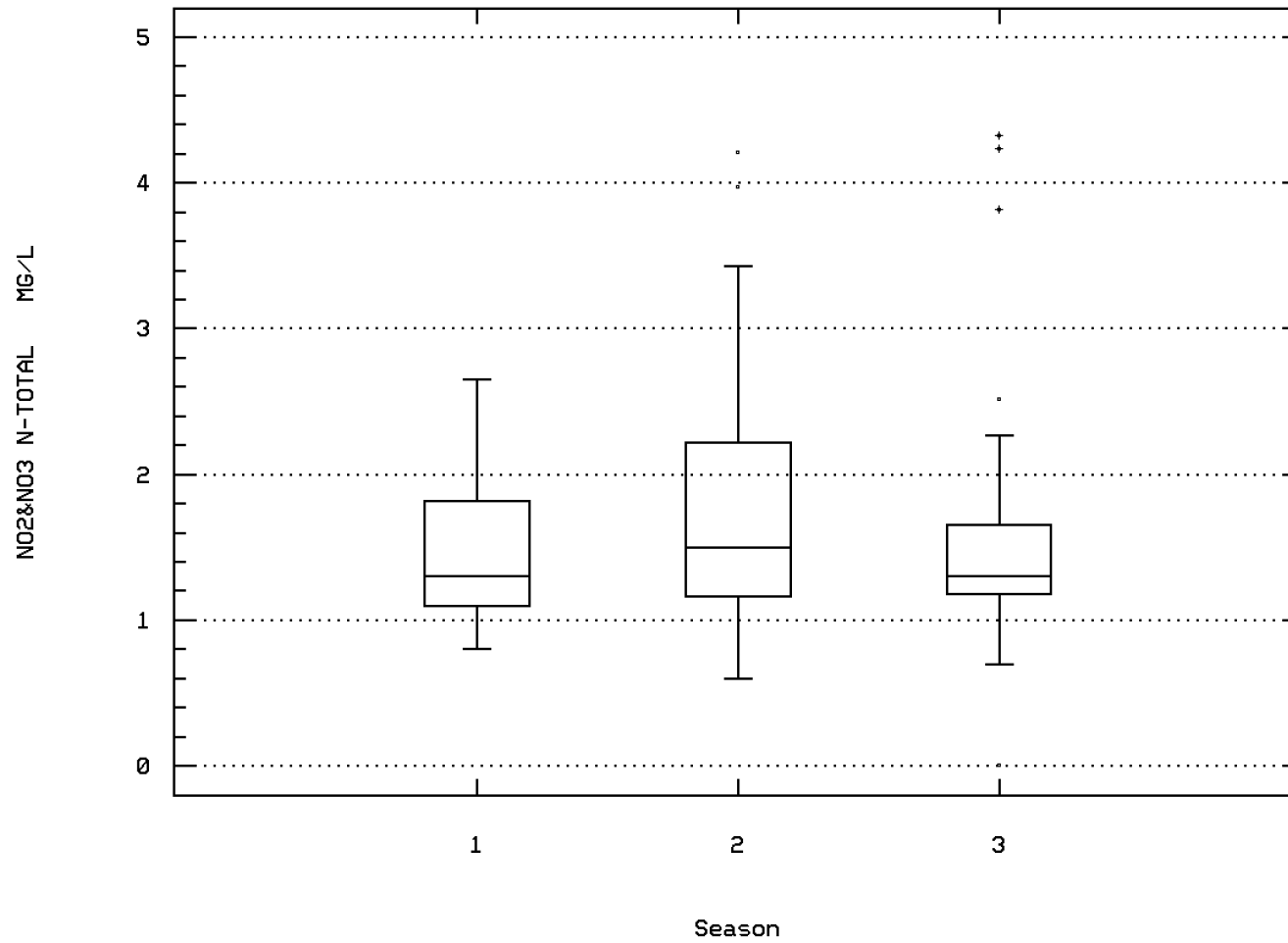
RESIDUE, TOTAL (MG/L)



PAINT BRANCH AT FAIRLAND ROAD

Station: GREE0053 Parameter Code: 00630

NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L



PAINT BRANCH AT FAIRLAND ROAD

Station Inventory for Station: GREE0054

NPS Station ID: GREE0054
 Location: PATUX TRIB BLW BURTONSVILLE ELEM
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 02060006
 Major Basin: NORTH ATLANTIC
 Minor Basin: PATUXENT RIVER
 RF1 Index: 02060006
 RF3 Index: 02070010059601.50
 Description:

LAT/LON: 39.113615/ -76.937505

Depth of Water: 999
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 4.50

Agency: 21MDMONT
 FIPS State/County: 24031 MARYLAND/MONTGOMERY
 STORET Station ID(s): 61010
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.21

On/Off RF1:
 On/Off RF3:

STATION ESTABLISHED ON TRIBUTARY TO PATUXENT RIVER APPROXIMATELY 180 YARDS NORTH WEST BEHIND BURTONSVILLE ELEMENTARY SCHOOL. SAMPLING WAS DISCONTINUED IN AUGUST 1975.

Parameter Inventory for Station: GREE0054

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/11/72-07/15/75	53	11.	10.849	20.	0.	33.631	5.799	2.	6.5	16.	18.
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/11/72-07/15/75	50	16.	14.3	26.	-1.	68.582	8.281	2.	8.	22.	24.
00032 CLOUD COVER (PERCENT)	01/11/72-07/15/75	53	50.	50.	100.	0.	2115.385	45.993	0.	0.	100.	100.
00075 TURBIDITY, HELLOGE (PPM AS SILICON DIOXIDE)	11/24/71-07/15/75	55	3.	7.227	100.	0.	203.008	14.248	0.	1.	8.	18.4
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/15/70-01/26/71	5	8.6	8.3	10.5	5.5	3.565	1.888	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	01/20/70-07/15/75	77	8.4	8.66	13.6	2.1	6.754	2.599	5.42	6.75	10.6	12.4
00301 OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/05/75-07/15/75	2	73.2	73.2	85.6	60.8	307.52	17.536	**	**	**	**
00310 BOD, 5 DAY, 20 DEG C MG/L	01/20/70-07/15/75	76	1.65	2.278	19.4	0.	7.456	2.731	0.37	0.925	2.575	4.28
00400 PH (STANDARD UNITS)	01/28/72-07/15/75	45	6.6	6.616	7.4	5.6	0.175	0.419	6.02	6.3	6.9	7.18
00400 CONVERTED PH (STANDARD UNITS)	01/28/72-07/15/75	45	6.6	6.406	7.4	5.6	0.22	0.469	6.02	6.3	6.9	7.18
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/28/72-07/15/75	45	0.251	0.393	2.512	0.04	0.231	0.481	0.068	0.126	0.501	0.98
00403 PH, LAB, STANDARD UNITS SU	01/20/70-07/15/75	77	6.1	6.158	7.3	5.4	0.167	0.409	5.7	5.9	6.3	6.7
00403 CONVERTED PH, LAB, STANDARD UNITS	01/20/70-07/15/75	77	6.1	6.009	7.3	5.4	0.19	0.436	5.7	5.9	6.3	6.7
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/20/70-07/15/75	77	0.794	0.98	3.981	0.05	0.594	0.771	0.2	0.501	1.259	1.995
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/17/74-05/17/74	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL I DET. (MG/L AS N)	11/24/71-07/15/75	55	3.6	3.686	6.77	1.17	2.566	1.602	1.656	2.34	4.97	5.826
00650 PHOSPHATE, TOTAL (MG/L AS PO4)	01/20/70-07/15/75	77	0.24	0.478	5.76	0.03	0.768	0.876	0.06	0.1	0.4	1.176
31506 COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/20/70-07/15/75	76	2100.	15342.395	430000.	9.	3226153903.842	56799.242	192.	430.	6700.	23300.
31506 LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/20/70-07/15/75	76	3.322	3.253	5.633	0.954	0.788	0.888	2.278	2.633	3.815	4.367
31506 GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1790.503								
31614 FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/20/70-07/15/75	76	84.	1768.526	46000.	1.5	42624615.513	6528.753	3.7	23.	430.	2300.
31614 LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/20/70-07/15/75	76	1.922	1.967	4.663	0.176	1.097	1.048	0.565	1.362	2.633	3.362
31614 GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			92.724								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GREE0054

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	5	0	0.00	1	0	0.00	4	0	0.00					
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	77	3	0.04	20	0	0.00	35	2	0.06	22	1	0.05		
00400	PH	Fresh Chronic	9.	45	0	0.00	8	0	0.00	21	0	0.00	16	0	0.00		
		Other-Lo Lim.	6.5	45	18	0.40	8	2	0.25	21	8	0.38	16	8	0.50		
00403	PH, LAB	Fresh Chronic	9.	77	0	0.00	20	0	0.00	35	0	0.00	22	0	0.00		
		Other-Lo Lim.	6.5	77	64	0.83	20	15	0.75	35	31	0.89	22	18	0.82		
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	55	0	0.00	14	0	0.00	25	0	0.00	16	0	0.00		
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	76	42	0.55	20	16	0.80	34	12	0.35	22	14	0.64		
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	76	33	0.43	20	18	0.90	34	4	0.12	22	11	0.50		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1970 - Station GREE0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	01/20/70-07/15/75	12	10.1	9.658	12.	5.5	3.006	1.734	6.13	8.775	10.75	11.67
00310	BOD, 5 DAY, 20 DEG C MG/L	01/20/70-07/15/75	12	2.05	2.892	8.1	1.5	4.546	2.132	1.5	1.6	3.075	7.59
00403	PH, LAB, STANDARD UNITS SU	01/20/70-07/15/75	12	6.	5.95	6.5	5.4	0.114	0.337	5.4	5.725	6.175	6.44
00403	CONVERTED PH, LAB, STANDARD UNITS	01/20/70-07/15/75	12	5.989	5.827	6.5	5.4	0.13	0.361	5.4	5.725	6.175	6.44
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/20/70-07/15/75	12	1.027	1.491	3.981	0.316	1.575	1.255	0.372	0.672	1.893	3.981
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/20/70-07/15/75	12	0.4	0.473	1.3	0.06	0.203	0.45	0.06	0.075	0.875	1.27
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/20/70-07/15/75	12	3300.	33220.833	240000.	230.	4929345935.606	70209.301	230.	555.	23750.	195900.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/20/70-07/15/75	12	3.498	3.612	5.38	2.362	1.02	1.01	2.362	2.717	4.376	5.257
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			4095.908								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/20/70-07/15/75	12	136.5	2316.5	24000.	3.	47034377.	6858.161	9.	28.	430.	17490.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/20/70-07/15/75	12	1.998	2.153	4.38	0.477	1.076	1.038	0.743	1.43	2.633	4.075
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			142.16								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station GREE0054

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00300	OXYGEN, DISSOLVED MG/L	01/20/70-07/15/75	12	8.	8.125	10.3	5.6	2.571	1.603	5.72	6.75	9.725	10.21
00310	BOD, 5 DAY, 20 DEG C MG/L	01/20/70-07/15/75	11	2.3	2.873	9.	0.	5.464	2.338	0.22	1.2	3.5	8.02
00403	PH, LAB, STANDARD UNITS SU	01/20/70-07/15/75	12	5.9	6.092	7.2	5.6	0.214	0.462	5.66	5.8	6.35	7.05
00403	CONVERTED PH, LAB, STANDARD UNITS	01/20/70-07/15/75	12	5.9	5.946	7.2	5.6	0.237	0.487	5.66	5.8	6.35	7.05
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/20/70-07/15/75	12	1.259	1.133	2.512	0.063	0.49	0.7	0.104	0.456	1.585	2.234
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/20/70-07/15/75	12	0.245	0.237	0.46	0.03	0.015	0.121	0.042	0.178	0.29	0.442
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/20/70-07/15/75	11	2300.	41884.818	430000.	93.16581613591.364	128769.614	104.4	230.	9200.	345860.	
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/20/70-07/15/75	11	3.362	3.27	5.633	1.968	1.135	1.066	2.01	2.362	3.964	5.3
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1861.169								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/20/70-07/15/75	11	230.	1053.045	9300.	1.5	7551890.623	2748.07	5.8	23.	430.	7626.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/20/70-07/15/75	11	2.362	2.136	3.968	0.176	0.955	0.977	0.413	1.362	2.633	3.768
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			136.662								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station GREE0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	01/20/70-07/15/75	24	8.35	8.446	13.6	2.1	7.39	2.718	5.2	6.4	10.825	12.
00310	BOD, 5 DAY, 20 DEG C MG/L	01/20/70-07/15/75	24	1.3	1.758	9.4	0.	4.16	2.04	0.15	0.5	2.025	4.3
00403	PH, LAB, STANDARD UNITS SU	01/20/70-07/15/75	24	6.2	6.25	7.2	5.7	0.161	0.401	5.75	6.	6.55	6.9
00403	CONVERTED PH, LAB, STANDARD UNITS	01/20/70-07/15/75	24	6.2	6.106	7.2	5.7	0.182	0.427	5.75	6.	6.55	6.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/20/70-07/15/75	24	0.631	0.783	1.995	0.063	0.338	0.581	0.129	0.288	1.	1.79
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/20/70-07/15/75	24	0.295	0.721	4.55	0.07	0.967	0.984	0.095	0.243	1.018	1.9
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/20/70-07/15/75	24	2100.	6244.833	43000.	9.	114962088.928	10722.038	28.5	482.5	4300.	23000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/20/70-07/15/75	24	3.322	3.127	4.633	0.954	0.936	0.968	1.379	2.677	3.633	4.362
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1339.112								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/20/70-07/15/75	24	68.	1588.854	23000.	1.5	24448432.576	4944.536	1.5	5.25	380.	5800.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/20/70-07/15/75	24	1.801	1.858	4.362	0.176	1.367	1.169	0.176	0.69	2.566	3.665
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			72.183								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station GREE0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	01/20/70-07/15/75	20	7.75	8.03	13.	3.8	9.966	3.157	4.01	5.25	11.375	12.85
00310	BOD, 5 DAY, 20 DEG C MG/L	01/20/70-07/15/75	20	1.2	1.61	4.7	0.2	1.468	1.212	0.31	0.725	2.325	3.71
00403	PH, LAB, STANDARD UNITS SU	01/20/70-07/15/75	20	6.25	6.285	7.2	5.9	0.107	0.327	5.9	6.025	6.5	6.69
00403	CONVERTED PH, LAB, STANDARD UNITS	01/20/70-07/15/75	20	6.247	6.193	7.2	5.9	0.116	0.34	5.9	6.025	6.5	6.69
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/20/70-07/15/75	20	0.566	0.641	1.259	0.063	0.137	0.37	0.205	0.316	0.949	1.259
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/20/70-07/15/75	20	0.115	0.184	1.17	0.03	0.059	0.244	0.05	0.073	0.22	0.276
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/20/70-07/15/75	20	2200.	7303.65	46000.	93.	136693788.555	11691.612	430.	430.	9300.	23900.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/20/70-07/15/75	20	3.342	3.351	4.663	1.968	0.527	0.726	2.633	2.633	3.968	4.378
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			2242.621								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/20/70-07/15/75	20	59.	2590.4	46000.	1.5	104696100.332	10232.111	2.25	20.25	380.	2163.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/20/70-07/15/75	20	1.754	1.961	4.663	0.176	1.167	1.08	0.254	1.271	2.566	3.322
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			91.331								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GREE0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	01/20/70-07/15/75	7	10.6	10.8	13.4	7.1	4.99	2.234	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/20/70-07/15/75	7	1.7	4.014	19.4	0.	47.231	6.873	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/20/70-07/15/75	7	5.8	6.043	7.3	5.6	0.336	0.58	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/20/70-07/15/75	7	5.8	5.866	7.3	5.6	0.373	0.61	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/20/70-07/15/75	7	1.585	1.36	2.512	0.05	0.666	0.816	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/20/70-07/15/75	7	0.2	1.	5.76	0.05	4.437	2.106	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/20/70-07/15/75	7	430.	584.286	930.	210.	111961.905	334.607	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/20/70-07/15/75	7	2.633	2.694	2.968	2.322	0.08	0.283	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			494.04								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/20/70-07/15/75	7 ##	15.	50.857	230.	15.	6315.143	79.468	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/20/70-07/15/75	7 ##	1.176	1.443	2.362	1.176	0.191	0.436	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			27.72								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GREE0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	01/20/70-07/15/75	2	7.25	7.25	8.3	6.2	2.205	1.485	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/20/70-07/15/75	2	2.15	2.15	3.3	1.	2.645	1.626	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/20/70-07/15/75	2	5.85	5.85	5.9	5.8	0.005	0.071	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/20/70-07/15/75	2	5.847	5.847	5.9	5.8	0.005	0.071	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/20/70-07/15/75	2	1.422	1.422	1.585	1.259	0.053	0.23	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/20/70-07/15/75	2	0.155	0.155	0.2	0.11	0.004	0.064	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/20/70-07/15/75	2	3300.	3300.	4300.	2300.	2000000.	1414.214	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/20/70-07/15/75	2	3.498	3.498	3.633	3.362	0.037	0.192	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			3144.837								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/20/70-07/15/75	2	2365.	2365.	4300.	430.	7488450.	2736.503	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/20/70-07/15/75	2	3.133	3.133	3.633	2.633	0.5	0.707	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			1359.779								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

EPA Water Quality Criteria Analysis for Entire GREE Study Area

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14			10/15-3/31			4/01-6/30			n/a		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	100	19	0.19	42	10	0.24	24	4	0.17	34	5	0.15		
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	217	15	0.07	65	5	0.08	104	7	0.07	48	3	0.06		
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	663	0	0.00	189	0	0.00	288	0	0.00	186	0	0.00		
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1853	13	0.01	524	5	0.01	917	6	0.01	412	2	0.00		
00400	PH	Fresh Chronic	9.	1818	26	0.01	504	17	0.03	907	5	0.01	407	4	0.01		
		Other-Lo Lim.	6.5	1818	281	0.15	504	53	0.11	907	172	0.19	407	56	0.14		
00403	PH, LAB	Fresh Chronic	9.	1625	5	0.00	458	2	0.00	746	3	0.00	421	0	0.00		
		Other-Lo Lim.	6.5	1625	357	0.22	458	76	0.17	746	185	0.25	421	96	0.23		
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	5	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00		
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	166	0	0.00	56	0	0.00	76	0	0.00	34	0	0.00		
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	5	0	0.00	3	0	0.00	2	0	0.00					
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	217	2	0.01	75	0	0.00	96	2	0.02	46	0	0.00		
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	871	1	0.00	225	0	0.00	417	1	0.00	229	0	0.00		
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	24	0	0.00	11	0	0.00	7	0	0.00	6	0	0.00		
00720	CYANIDE, TOTAL	Fresh Acute	0.022	4	0	0.00	1	0	0.00	3	0	0.00					
		Drinking Water	0.2	4	0	0.00	1	0	0.00	3	0	0.00					
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	773	0	0.00	226	0	0.00	361	0	0.00	186	0	0.00		
		Drinking Water	250.	773	0	0.00	226	0	0.00	361	0	0.00	186	0	0.00		
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	11	0	0.00	6	0	0.00	4	0	0.00	1	0	0.00		
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	8	0	0.00	4	0	0.00	3	0	0.00	1	0	0.00		
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	21	0	0.00	8	0	0.00	5	0	0.00	8	0	0.00		
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	69	0	0.00				69	0	0.00					
		Drinking Water	50.	69	0	0.00				69	0	0.00					
01002	ARSENIC, TOTAL	Fresh Acute	360.	16	0	0.00	6	0	0.00	6	0	0.00	4	0	0.00		
		Drinking Water	50.	16	0	0.00	6	0	0.00	6	0	0.00	4	0	0.00		
01007	BARIUM, TOTAL	Drinking Water	2000.	25	0	0.00	10	0	0.00	9	0	0.00	6	0	0.00		
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	3	0	0.00	1	0	0.00	2	0	0.00					
		Drinking Water	5.	3	0	0.00	1	0	0.00	2	0	0.00					
01027	CADMIUM, TOTAL	Fresh Acute	3.9	269 &	20	0.07	80	4	0.05	127	9	0.07	62	7	0.11		
		Drinking Water	5.	269 &	17	0.06	80	4	0.05	127	6	0.05	62	7	0.11		
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	1	0	0.00	1	0	0.00					
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	1	0	0.00				1	0	0.00					
		Drinking Water	100.	1	0	0.00				1	0	0.00					
01034	CHROMIUM, TOTAL	Drinking Water	100.	169	3	0.02	46	0	0.00	81	3	0.04	42	0	0.00		
01040	COPPER, DISSOLVED	Fresh Acute	18.	3	0	0.00	1	0	0.00	2	0	0.00					
		Drinking Water	1300.	3	0	0.00	1	0	0.00	2	0	0.00					
01042	COPPER, TOTAL	Fresh Acute	18.	290 &	23	0.08	74	10	0.14	142	6	0.04	74	7	0.09		
		Drinking Water	1300.	298	0	0.00	74	0	0.00	150	0	0.00	74	0	0.00		
01049	LEAD, DISSOLVED	Fresh Acute	82.	3	0	0.00	1	0	0.00	2	0	0.00					
		Drinking Water	15.	3	0	0.00	1	0	0.00	2	0	0.00					
01051	LEAD, TOTAL	Fresh Acute	82.	368	2	0.01	97	1	0.01	182	1	0.01	89	0	0.00		
		Drinking Water	15.	314 &	29	0.09	86	11	0.13	155	15	0.10	73	3	0.04		
01067	NICKEL, TOTAL	Fresh Acute	1400.	29	0	0.00	8	0	0.00	13	0	0.00	8	0	0.00		
		Drinking Water	100.	29	1	0.03	8	1	0.13	13	0	0.00	8	0	0.00		
01075	SILVER, DISSOLVED	Fresh Acute	4.1	104 &	9	0.09	25	5	0.20	55	4	0.07	24	0	0.00		
		Drinking Water	100.	205	0	0.00	44	0	0.00	106	0	0.00	55	0	0.00		
01077	SILVER, TOTAL	Fresh Acute	4.1	25	1	0.04	10	0	0.00	9	1	0.11	6	0	0.00		
		Drinking Water	100.	25	0	0.00	10	0	0.00	9	0	0.00	6	0	0.00		
01090	ZINC, DISSOLVED	Fresh Acute	120.	3	1	0.33	1	0	0.00	2	1	0.50					
		Drinking Water	5000.	3	0	0.00	1	0	0.00	2	0	0.00					
01092	ZINC, TOTAL	Fresh Acute	120.	361	16	0.04	95	6	0.06	177	9	0.05	89	1	0.01		
		Drinking Water	5000.	361	0	0.00	95	0	0.00	177	0	0.00	89	0	0.00		
01147	SELENIUM, TOTAL	Fresh Acute	20.	24	0	0.00	10	0	0.00	8	0	0.00	6	0	0.00		
		Drinking Water	50.	24	0	0.00	10	0	0.00	8	0	0.00	6	0	0.00		
04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVER	Drinking Water	4.	1	0	0.00	1	0	0.00								
07000	TRITIUM, TOTAL	Drinking Water	20000.	2	0	0.00				2	0	0.00					
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMEDIATE	Other-Hi Lim.	1000.	398	303	0.76	125	116	0.93	196	120	0.61	77	67	0.87		
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	746 &	589	0.79	216	197	0.91	366	252	0.69	164	140	0.85		
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	771	495	0.64	194	169	0.87	377	177	0.47	200	149	0.75		
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	366	172	0.47	114	86	0.75	185	54	0.29	67	32	0.48		
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	772	393	0.51	193	154	0.80	378	124	0.33	201	115	0.57		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Entire GREE Study Area

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/01-10/14-----			-----10/15-3/31-----			-----4/01-6/30-----			-----n/a-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	200.	1169	910	0.78	350	322	0.92	569	383	0.67	250	205	0.82			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	200.	56	47	0.84	17	17	1.00	27	18	0.67	12	12	1.00			
34653	P,P'-DDE, DISSOLVED	1050.	1	0	0.00	1	0	0.00									
38933	CHLORPYRIFOS, DISSOLVED	0.083	1	0	0.00	1	0	0.00									
39300	P,P' DDT IN WHOLE WATER SAMPLE	1.1	2	0	0.00	2	0	0.00									
39341	GAMMA-BHC(LINDANE), DISSOLVED	2.	1	0	0.00	1	0	0.00									
	Drinking Water	0.2	1	0	0.00	1	0	0.00									
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	2.5	1	0	0.00	1	0	0.00									
39390	ENDRIN IN WHOLE WATER SAMPLE	0.18	2	0	0.00	2	0	0.00									
	Drinking Water	2.	2	0	0.00	2	0	0.00									
39400	TOXAPHENE IN WHOLE WATER SAMPLE	0.73	2	0	0.00	2	0	0.00									
	Drinking Water	3.	2	0	0.00	2	0	0.00									
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	40.	2	0	0.00	2	0	0.00									
39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE	0.065	1	0	0.00	1	0	0.00									
39632	ATRAZINE DISSOLVED IN WATER	3.	1	0	0.00	1	0	0.00									
39782	LINDANE IN WHOLE WATER SAMPLE	2.	2	0	0.00	2	0	0.00									
	Drinking Water	0.2	2	0	0.00	2	0	0.00									
46342	ALACHLOR (LASSO), WATER, DISSOLVED	2.	1	0	0.00	1	0	0.00									
50060	CHLORINE, TOTAL RESIDUAL	0.019	5	5	1.00				5	5	1.00						
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	44.	5	0	0.00	3	0	0.00	2	0	0.00						
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	3.3	1	0	0.00	1	0	0.00									
71890	MERCURY, DISSOLVED	2.4	7	0	0.00	2	0	0.00	3	0	0.00	2	0	0.00			
	Drinking Water	2.	7	0	0.00	2	0	0.00	3	0	0.00	2	0	0.00			
71900	MERCURY, TOTAL	2.4	199	3	0.02	46	2	0.04	106	1	0.01	47	0	0.00			
	Drinking Water	2.	199	4	0.02	46	2	0.04	106	2	0.02	47	0	0.00			
82079	TURBIDITY, LAB	50.	221	77	0.35	63	13	0.21	122	54	0.44	36	10	0.28			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

**NPS Servicewide Inventory and Monitoring Program Level I
Water Quality Parameter Inventory Data Evaluation and Analysis:
Missing Level I Groups**

There are STORET Data for Every Level I I&M Parameter Group Within
the GREE Study Area

NPS Servicewide Inventory and Monitoring Program Level I

Water Quality Parameter Inventory Data Evaluation and Analysis:

Present Level I Groups

STORET Data Within the GREE Study Area Exist for These Groups:

Alkalinity		Total Obs.	01/01/85 to 09/02/94	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00410	ALKALINITY, TOTAL (MG/L AS CaCO ₃)	251	1	51	199	3
00430	ALKALINITY, CARBONATE (MG/L AS CaCO ₃)	2	0	2	0	2
00435	ACIDITY, TOTAL (MG/L AS CaCO ₃)	1	0	0	1	1
00440	BICARBONATE ION (MG/L AS HCO ₃)	5	0	0	5	1
00445	CARBONATE ION (MG/L AS CO ₃)	5	0	0	5	1
		264	1	53	210	8 (4) ¹
pH		Total Obs.	01/01/85 to 09/02/94	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00400	PH (STANDARD UNITS)	1821	93	1043	685	26
00403	PH, LAB (STANDARD UNITS)	1625	53	1192	380	24
		3446	146	2235	1065	50 (37) ¹
Conductivity		Total Obs.	01/01/85 to 09/02/94	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	108	93	15	0	9
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	1288	53	1072	163	20
		1396	146	1087	163	29 (21) ¹
Dissolved Oxygen		Total Obs.	01/01/85 to 09/02/94	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	663	92	550	21	16
00300	OXYGEN, DISSOLVED (MG/L)	1857	2	1045	810	29
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION	756	10	497	249	12
		3276	104	2092	1080	57 (38) ¹
Water Temperature		Total Obs.	01/01/85 to 09/02/94	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	2713	99	1855	759	37
		2713	99	1855	759	37 (37) ¹
Flow		Total Obs.	01/01/85 to 09/02/94	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00060	FLOW, STREAM, MEAN DAILY CFS	41	0	0	41	2
00061	FLOW, STREAM, INSTANTANEOUS CFS	262	7	205	50	9
00065	STAGE, STREAM (FEET)	97	6	80	11	1
00067	TIDE STAGE CODE	60	0	0	60	1
		460	13	285	162	13 (10) ¹

¹Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Clarity/Turbidity		Total Obs.	01/01/85 to 09/02/94	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00070	TURBIDITY, (JACKSON CANDLE UNITS)	100	0	1	99	5
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	586	0	268	318	12
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	217	0	217	0	10
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	761	82	665	14	27
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	221	0	221	0	9
		1885	82	1372	431	63 (33) ¹
Nitrate/Nitrogen		Total Obs.	01/01/85 to 09/02/94	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00600	NITROGEN, TOTAL (MG/L AS N)	23	0	23	0	1
00602	NITROGEN, DISSOLVED (MG/L AS N)	20	0	20	0	1
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	24	0	24	0	1
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	12	0	12	0	1
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	116	81	35	0	5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	42	3	28	11	6
00612	AMMONIA, UNIONIZED (MG/L AS N)	4	4	0	0	2
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	5	0	1	4	1
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	217	95	119	3	7
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	21	1	20	0	2
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	135	83	35	17	6
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	871	36	508	327	15
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	24	4	20	0	2
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	14	0	14	0	1
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	11	0	11	0	1
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	5	0	1	4	1
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	1	0	1	0	1
		1545	307	872	366	54 (19) ¹
Phosphate/Phosphorus		Total Obs.	01/01/85 to 09/02/94	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	817	0	432	385	14
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	6	0	0	6	2
00665	PHOSPHORUS, TOTAL (MG/L AS P)	117	83	30	4	3
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	105	78	25	2	5
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	76	76	0	0	4
70505	PHOSPHORUS, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	155	49	106	0	2
		1276	286	593	397	30 (18) ¹
Chlorophyll		Total Obs.	01/01/85 to 09/02/94	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
32209	CHLOROPHYLL A (UG/L) FLUOROMETRIC CORRECTED	5	0	5	0	1
32210	CHLOROPHYLL A (UG/L) TRICHROMATIC UNCORRECTED	4	0	0	4	1
32211	CHLOROPHYLL A (UG/L) SPECTROPHOTOMETRIC ACID METH.	8	0	8	0	1
32217	CHLOROPHYLL A (UG/L) FLUOROMETRIC UNCORRECTED	5	0	5	0	1
32230	CHLOROPHYLL A (MG/L)	12	0	8	4	2
		34	0	26	8	6 (3) ¹
Sulfates/Total Dissolved Solids/Hardness		Total Obs.	01/01/85 to 09/02/94	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	5	0	0	5	1
00945	SULFATE, TOTAL (MG/L AS SO4)	11	4	2	5	4
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	10	3	2	5	4
		26	7	4	15	9 (4) ¹

¹Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Bacteria		Total Obs.	01/01/85 to 09/02/94	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
31501	COLIFORM, TOT, MEMBRANE FILTER,IMMED.M-ENDOMED,35C	398	0	398	0	12
31505	COLIFORM, TOT, MPN, CONFIRMED TEST,35C(TUBE 31506)	753	132	303	318	24
31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	771	0	393	378	12
31613	FECAL COLIFORM, MEMBR, FILTER,M-FC AGAR,44.5C,24HR	446	0	446	0	9
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	772	0	391	381	13
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	1176	82	764	330	25
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	56	0	0	56	2
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	1	1	0	0	1
31677	FECAL STREPTOCOCCI, MPN, AD-EVA, 35C (TUBE 31678)	12	0	12	0	2
		4385	215	2707	1463	100 (38) ¹
Toxic Elements		Total Obs.	01/01/85 to 09/02/94	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
01000	ARSENIC, DISSOLVED (UG/L AS AS)	69	0	69	0	12
01002	ARSENIC, TOTAL (UG/L AS AS)	20	0	20	0	4
01025	CADMIUM, DISSOLVED (UG/L AS CD)	3	0	0	3	1
01027	CADMIUM, TOTAL (UG/L AS CD)	361	50	242	69	9
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	2	0	0	2	1
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	1	0	0	1	1
01034	CHROMIUM, TOTAL (UG/L AS CR)	170	0	169	1	7
01040	COPPER, DISSOLVED (UG/L AS CU)	3	0	0	3	1
01042	COPPER, TOTAL (UG/L AS CU)	299	50	180	69	9
01049	LEAD, DISSOLVED (UG/L AS PB)	3	0	0	3	1
01051	LEAD, TOTAL (UG/L AS PB)	369	50	250	69	11
71890	MERCURY, DISSOLVED (UG/L AS HG)	18	0	18	0	2
71900	MERCURY, TOTAL (UG/L AS HG)	199	0	131	68	6
01067	NICKEL, TOTAL (UG/L AS NI)	30	0	30	0	6
01147	SELENIUM, TOTAL (UG/L AS SE)	26	0	26	0	4
01075	SILVER, DISSOLVED (UG/L AS AG)	205	0	137	68	6
01077	SILVER, TOTAL (UG/L AS AG)	26	0	26	0	4
01090	ZINC, DISSOLVED (UG/L AS ZN)	3	0	0	3	1
01092	ZINC, TOTAL (UG/L AS ZN)	362	49	244	69	9
00720	CYANIDE, TOTAL (MG/L AS CN)	4	0	0	4	1
34253	A-BHC-ALPHA, DISSOLVED (UG/L)	1	1	0	0	1
39341	GAMMA-BHC(LINDANE), DISSOLVED (UG/L)	1	1	0	0	1
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	2	0	2	0	2
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	2	0	2	0	2
34653	P,P'-DDE, DISSOLVED (UG/L)	1	1	0	0	1
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	1	1	0	0	1
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	2	0	2	0	2
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	2	0	2	0	2
		2185	203	1550	432	108 (24) ¹

¹Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

NPS Servicewide Inventory and Monitoring Program Level I

Water Quality Parameter Inventory Data Evaluation and Analysis:

Park Summary: Level I Group Currentness and Distribution

Parameter Group	Total Obs.	Obs. Since 1985	% Obs. Since 1985	Stations Measuring This Group	% of Total Stations Measuring This Group	Obs. Per Station Measuring This Group	Period of Record For This Group	Observations Per Year of Period of Record
Alkalinity	264	1	0.4	4	8.7	66.0	08/19/63-06/02/92	9.2
pH	3446	146	4.2	37	80.4	93.1	08/19/63-09/02/94	111.0
Conductivity	1396	146	10.5	21	45.7	66.5	08/19/63-09/02/94	45.0
Dissolved Oxygen	3276	104	3.2	38	82.6	86.2	07/16/69-08/24/94	130.5
Water Temperature	2713	99	3.6	37	80.4	73.3	08/05/59-09/02/94	77.3
Flow	460	13	2.8	10	21.7	46.0	01/03/59-09/02/94	12.9
Clarity/Turbidity	1885	82	4.4	33	71.7	57.1	04/30/70-12/11/90	91.4
Nitrate/Nitrogen	1545	307	19.9	19	41.3	81.3	08/19/63-09/02/94	49.8
Phosphate/Phosphorus	1276	286	22.4	18	39.1	70.9	01/20/70-08/24/94	51.9
Chlorophyll	34	0	0.0	3	6.5	11.3	04/30/70-03/21/80	3.4
Sulfates/Total Dissolved Solids/Hardness	26	7	26.9	4	8.7	6.5	08/19/63-09/02/94	0.8
Bacteria	4385	215	4.9	38	82.6	115.4	07/16/69-06/02/92	191.6
Toxic Elements	2185	203	9.3	24	52.2	91.0	09/20/72-08/24/94	99.6

Water Quality Observations
Outside STORET Edit Criteria for GREE
(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter	Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
GREE0001	00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	750108	0950	18.0000000	21MDPGHD	B-10	
GREE0004	32230 CHLOROPHYLL A (MG/L)	700430	1245	1.5000000	11121ZWQ	ANA-009.20	
GREE0004	32230 CHLOROPHYLL A (MG/L)	700608	1248	0.8000000	11121ZWQ	ANA-009.20	
GREE0004	32230 CHLOROPHYLL A (MG/L)	700707	1150	9.8000000	11121ZWQ	ANA-009.20	
GREE0004	32230 CHLOROPHYLL A (MG/L)	701215	1220	7.5000000	11121ZWQ	ANA-009.20	
GREE0008	00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	831228	1200	-3.0000000	11NPSWRD	GREE_NPS_6	
GREE0008	00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	840109	1200	-2.5000000	11NPSWRD	GREE_NPS_6	
GREE0015	00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	831228	1200	-3.0000000	11NPSWRD	GREE_NPS_7	
GREE0015	00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	840207	1200	-3.0000000	11NPSWRD	GREE_NPS_7	
GREE0022	00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	831228	1200	-3.0000000	11NPSWRD	GREE_NPS_2	
GREE0022	00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	840207	1200	-3.0000000	11NPSWRD	GREE_NPS_2	
GREE0034	00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	811201	0001	0.0000000	21MDMONT	50110	X
GREE0034	00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	830307	0001	0.0000000	21MDMONT	50110	X
GREE0034	00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	830711	0001	0.0000000	21MDMONT	50110	X
GREE0034	00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	830810	0001	0.0000000	21MDMONT	50110	X
GREE0034	00403 PH, LAB, STANDARD UNITS SU	830307	0001	0.0000000	21MDMONT	50110	X
GREE0034	00403 PH, LAB, STANDARD UNITS SU	830810	0001	0.0000000	21MDMONT	50110	X
GREE0043	00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	811201	0001	0.0000000	21MDMONT	50113	X
GREE0043	00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	830307	0001	0.0000000	21MDMONT	50113	X
GREE0047	71900 MERCURY, TOTAL (UG/L AS HG)	740807	1045	23.0000000	21MDMONT	59020	
GREE0049	71900 MERCURY, TOTAL (UG/L AS HG)	740807	1030	11.0000000	21MDMONT	59050	

APPENDICES

Appendix A
Computer Files Transmitted With
Park Baseline Water Quality Data Inventory and Analysis

Computer disk(s) accompanying this report include up to seven (depending on the presence or absence of certain data elements) compressed (ZIP) files containing digital copies of nearly all the tables, figures, and other materials used to produce this report. To decompress these files, you must use the commonly available shareware program PKUNZIP. The command to type at the DOS prompt is:

PKUNZIP -E *COMPRESS.ZIP FILENAME.EXT*

where *COMPRESS.ZIP* is the name of one of the seven compressed (ZIP) files listed below and *FILENAME.EXT* is the name of the file you wish to extract. If you want to decompress all of the files in *COMPRESS.ZIP*, simply omit the *FILENAME.EXT*. To obtain a listing of all the files compressed into a particular ZIP file, type the following:

PKUNZIP -V *COMPRESS.ZIP* |MORE

where *COMPRESS.ZIP* is the name of one of the seven compressed ZIP files listed below. If a ZIP file spans multiple disks, use the last disk of the series (span) when obtaining a listing of all the files compressed into a particular ZIP file. Once you see the file you wish to obtain, substitute this file name for *FILENAME.EXT* in the first command line above to extract and decompress this particular file.

Included on one of the disk(s) accompanying this report is a program named PRINTZIP. This program will decompress ZIP files which don't span multiple disks and print certain files to a Hewlett-Packard (or compatible) Laser Printer. To use PRINTZIP, however, you must still have a copy of PKUNZIP in a directory listed in your path or in the same directory as the PRINTZIP program. PRINTZIP provides an easy, menu-driven interface for using PKUNZIP to decompress files and then send them to the printer. PRINTZIP allows you to send individual files, groups of files, or all files to the printer. PRINTZIP will not work with ZIP files that span multiple disks.

The following compressed (ZIP) files are included on the disk(s) accompanying this report:

(1) GREETABS.ZIP

This compressed file contains all the tables presented in the report. The files compressed into this file include:

- (a) GREESITE.DOC - Descriptive listing of select fields from the industrial facilities discharges, drinking water intakes, and EPA-USGS stream gages databases.
- (b) GREEAGNC.DOC - Contacts for agencies whose data were retrieved within the study area.
- (c) GREEAGNQ.DOC - Number of stations, observations, and parameters retrieved by agency code within the study area and park.

- (d) GREEOV0.DOC - Overview of park and retrieved data.
- (e) GREEOV1.DOC - Station period of record table.
- (f) GREEOV2.DOC - Parameter period of record table.
- (g) GREEOV3.DOC - Station/parameter period of record table.
- (h) GREEINV.DOC - Station by station descriptive statistics over the entire period of record and comparison against EPA Water Quality Criteria for each station.
- (i) GREESEAN.DOC - Seasonal and annual water quality descriptive statistics at stations with water quality data meeting the default seasonal and annual criteria.
- (j) GREEEPAS.DOC - EPA Water Quality Criteria comparison for data at all stations combined within the study area.
- (k) GREEIDEA.DOC - Comparison of downloaded STORET data with NPS Servicewide Inventory and Monitoring Program "Level I" water quality parameters.
- (l) GREEBAD.DOC - Water quality observation values that were outside the range of one of 190 STORET edit criteria and were either discarded or retained.

All these compressed document files are in ASCII format and contain printer codes appropriate to Hewlett-Packard (or compatible) Laser Printers. While at the DOS prompt, any of these document files may be printed directly to a Hewlett-Packard (or compatible) Laser Printer by using the PRINT command. For example, if the document GREEOV1.DOC is in the subdirectory C:\WATER, you could type: PRINT C:\WATER\GREEOV1.DOC. This will print the file to your local or networked Hewlett-Packard (or compatible) Laser Printer attached to parallel port one (LPT1:). Alternatively, you can use the PRINTZIP program to decompress and print any of these files provided the ZIP file doesn't span multiple disks. These ASCII files can also be imported into word-processed documents, but the printer codes will then have to be removed.

(2) GREEFIGS.ZIP

This compressed file contains graphics files for all the statistical figures (time series plots; annual box and whiskers plots; seasonal box and whiskers plots) in the report in two different formats: Computer Graphic Metafile (CGM) and Hewlett-Packard Printer Control Language (PCL). The files are named with the last three digits of the Station Name followed by the five digit STORET code. The file name extension begins with either a 1 (time series), 2 (annual), or 3 (seasonal) and then either GM for CGM or CL for PCL. For example, 00100300.2GM would denote the file contains an annual box and whiskers plot in CGM format for parameter 00300 (dissolved oxygen) at station GREE0001. While at the DOS prompt, any PCL file can be printed directly to a Hewlett-Packard (or compatible) Laser Printer by using the COPY command. For example, if the graphic 00100300.2CL (an annual box and whiskers plot of parameter 00300, dissolved oxygen, at station GREE0001) is in the subdirectory C:\WATER, you would type: COPY C:\WATER\00100300.2CL LPT1: /B. This will print the file to your local or networked Hewlett-Packard (or compatible) Laser Printer attached to parallel port one (LPT1:). The /B is necessary because the PCL file is in a binary format. Alternatively, you can use the PRINTZIP program to decompress and print any of the PCL files provided the ZIP file doesn't span multiple disks. The CGM files can be imported and/or edited in most graphics packages, including WordPerfect.

(3) GREEPARM.ZIP

This file compresses GREEPARM.DBF which contains all the actual values (raw data) of all the water quality data downloaded from STORET and summarized in the report. The detailed database structure for this file is contained in Appendix B.

(4) GREESITE.ZIP

This compressed file contains up to five geo-referenced, DBASE III+ compatible site (point location) files documenting the location in the study area of water quality monitoring stations, industrial facilities discharges, drinking water intakes, water gages, and water impoundments. These files include:

- (a) GREEWQ.DBF - All water quality monitoring station locations within the project's study area downloaded from STORET.
- (b) GREEIFD.DBF - All municipal and industrial facility discharges within the project's study area downloaded from the IFD database.
- (c) GREEDRIN.DBF - All drinking water intakes within the project's study area downloaded from the DRINKS database.
- (d) GREEGAGE.DBF - All water gages within the project's study area downloaded from the GAGES database.
- (e) GREEDAMS.DBF - All water impoundments within the project's study area downloaded from the DAMS database.

The absence of any of these files indicates that none of the particular sites were found within the study area. Detailed database structures for each of these files are contained in Appendix B.

(5) GREEMISC.ZIP

This compressed file contains a variety of graphic and document files that are contained in the report. They are grouped into this miscellaneous compressed (ZIP) file because they don't fit neatly into any of the other compressed files. The files contained in this compressed file include:

- (a) GREEEXEC.DOC - WordPerfect Ver. 5.1 copy of the Executive Summary in the report.
- (b) GREETOC.DOC - WordPerfect Ver. 5.1 copy of the report's Table of Contents.
- (c) INTRO.DOC - WordPerfect Ver. 5.1 copy of all the text in the report from the Introduction through the Interpretive Guide to Water Quality Results.
- (d) APPENDIX.DOC - WordPerfect Ver. 5.1 copy of all the Appendices in the report.
- (e) GREEREGI - PCL and CLP (Windows Clipboard) copies of map displaying the regional location of the park and study area.
- (f) GREEWQ - PCL and CLP (Windows Clipboard) copies of park maps displaying water quality station locations within the park's study area. If, due to scaling and aesthetic concerns, multiple maps were needed, these files will have alphabetically ordered suffixes (GREEWQA, GREEWQB, GREEWQC, etc.) and the index map name will end with an ampersand (&).

- (g) GREEIDG - PCL and CLP (Windows Clipboard) copies of park maps displaying locations of industrial facilities discharges, drinking water intakes, and stream gages within the park's study area. If, due to scaling and aesthetic concerns, multiple maps were needed, these files will have alphabetically ordered suffixes (GREEIDGA, GREEIDGB, GREEIDGC, etc.) and the index map name will end with an ampersand (&). If no industrial facilities discharges, drinking water intakes, water gages, or water impoundments exist within the park's study area, these files will not be in the compressed (ZIP) file.
- (h) GREESEHY - PCL and CLP (Windows Clipboard) copies of the hydrographs or other materials used by WRD staff as the basis for a first attempt at a seasonal analysis of the park's water quality data.

Other materials may also be included in this miscellaneous compressed (ZIP) file as warranted by conditions at the park. As with GREEFIGS.ZIP and GREETABS.ZIP, you can use the PRINTZIP program to print any of the PCL files in GREEMISC.ZIP provided the ZIP file doesn't span multiple disks. You should not, however, use PRINTZIP to print the WordPerfect document files. The CLP (Windows Clipboard) files can be imported (pasted) and/or edited in most Windows-based word processors and graphics packages.

(6) GREERF3.ZIP

This compressed file contains the Environmental Protection Agency's River Reach File Ver. 3.0 provisional data for the USGS catalog unit(s) encompassing the study area. The attribute data exist in both ASCII and DBASE III+ format, while the geographic traces exist in ASCII format. This compressed file contains four files for each catalog unit that touches the study area. Catalog units are identified by unique 8-character numeric names which identify the region, subregion, accounting unit, and catalog unit. Examples (your 8-character numeric names will be different) of the file types included in this compressed file are:

- (a) 12345678.RF3 - ASCII formatted attribute file from the River Reach File for all hydrographic traces within the catalog unit.
- (b) 12345678.DBF - DBASE III+ formatted attribute file from the River Reach File for all hydrographic traces within the catalog unit.
- (c) 12345678.TRC - ASCII formatted geographic file from the River Reach File containing digital, geo-referenced descriptions of all hydrographic traces within the catalog unit at a scale of 1:100,000 suitable for import into a geographic information system.
- (d) 12345678.CUB - ASCII formatted geographic file from the River Reach File containing a digital, geo-referenced description of the catalog unit boundary suitable for import into a geographic information system.

Detailed database structures for RF3-related files are contained in Appendix B.

(7) GREEWQMW.ZIP

Between 2000 and 2002, all Baseline Water Quality Data Inventory and Analysis Reports were compiled or re-compiled in Microsoft Word 2000 (Ver. 9.0) format. This complete, digital version of the report will be made available through various means, including the Internet. Although the reports can be opened in Microsoft Word 1997 (Ver. 8.0), the time series and annual and seasonal box-plots may not be centered appropriately on a page due to discrepancies with how Word 2000 formats pictures and how Word 1997 formatted pictures. Consequently, Word 2000 is the recommended software for viewing the report. Prior to printing the report from Word, be sure to enable "Print Text as Graphics" or "Print True Type Font as Graphics" in the Printer Properties. This ensures a more faithful reproduction of the maps included in the Word document.

The Microsoft Word version of the Baseline Water Quality Data Inventory and Analysis Report may differ slightly from the original analog version. Reports issued during 1994-1996 didn't have as many "bells-and-whistles" as subsequent reports. In compiling digital Microsoft Word versions of these earlier reports, attempts were made to bring these 1994-1996 reports up to the current standard wherever feasible and practicable. Unfortunately, some changes were not feasible or practicable. For example, water quality criteria screens were added or modified over time when newer criteria became available. The digital Microsoft Word version of Appendix F presents the latest criteria screening parameters and values. Some of these parameters and/or values may not have been screened against in the EPA water quality criteria analyses for each station and the entire study area in the 1994-1996 analog versions of the report. Similarly, the Introduction, Methodology, and Interpretive Guide to Water Quality Results may mention certain features that aren't included in the 1994-1996 reports. Additionally, to prepare a Microsoft Word version of this report, data were processed through different versions of software than used originally. Consequently, some results presented in the Overview and Executive Summary may differ slightly from those presented in the analog report (eg. # of In Park and Longer Term Stations).

Appendix B

Water Quality Database File Structures

The following table provides the DBASE III+ database field structure for all the water quality parameter data downloaded from STORET. This data will allow parks or other interested parties to replicate the statistical analyses and graphics contained in this report; perform more sophisticated analyses; or to establish a baseline park water quality database.

Parameter Data File: GREEPARM.DBF in GREEPARM.ZIP				
Field Name	Start	Stop	Length	Field Description
NPSSTATID	1	8	8	NPS Station ID (NPS park code + 4 digit sequence number)
BEGDATE	9	14	6	Measurement Start Date [yymmdd]
BEGTIME	15	18	4	Measurement Start Time [hhmm]
PARMCODE	19	23	5	STORET Parameter Code
PARMVALU	24	39	16.7	Parameter Value
REMARK	40	40	1	Parameter Remark Value
				A=Value is Mean of 2 or More Determinations
				B=Results Based Upon Colony Counts Outside Acceptable Range
				C=Value Calculated
				D=Field Measurement
				E=Extra Sample Taken in Compositing Process
				F=Female Species
				G=Maximum of 2 or More Determinations
				H=Based on Field Kit Determination
				I=Value is Less Than Practical Quantitation Limit and Greater Than or Equal to the Method Detection Limit
				J=Estimated, Not the Result of Analytic Measurement
				K=Off-scale Low, Actual Value Not Known, But Known to be Less Than Value Shown
				L=Off-scale High, Actual Value Not Known, But Known to be Greater Than Value Shown

Parameter Data File: GREPPARM.DBF in GREPPARM.ZIP				
Field Name	Start	Stop	Length	Field Description
				M=Presence Verified, But Not Quantified, Below Quantification Limit; For Species, Male; For Oxygen Reduction Potential, Indicates a Negative Value
				N=Presumptive Evidence of Presence
				O=Analysis Lost
				P=Too Numerous to Count
				Q=Exceeded Normal Holding Time
				R=Significant Rain in Last 48 Hours
				S=Laboratory test
				T=Less Than Detection Criteria
				U=Analyzed For But Not Detected, Value is Detection Limit For Process Used; If Species, Undetermined
				V=Analyte was Detected in Sample and Method Blank
				W=Less Than Lowest Value Reportable Under Remark "T"
				X=Quasi Vertically-Integrated Sample
				Y=Analysis of Unpreserved Sample
				Z=Too Many Colonies Were Present to Count (TNTC), Value Represents Filtration Value
				\$=Calculated By Retrieval Software
MEDIA	41	46	6	Sample Media
DEPTH	47	55	9.3	Depth of Sample [in feet]
ENDDATE	56	61	6	Measurement End Date [yymmdd] [all composite samples]
ENDTIME	62	65	4	Measurement End Time [hhmm] [all composite samples]
SAMPTYPE	66	69	4	Type of Sample ["sophisticated" composite samples]
				C=Continuous Collection
				G=Collection of Individual Grab Samples
				GNxx=xx is the Number of Individual Grab Samples
				B=N/A

Parameter Data File: GREEPARM.DBF in GREEPARM.ZIP				
Field Name	Start	Stop	Length	Field Description
COMPTYPE	70	70	1	Composite Value Type ["sophisticated" composite samples]
				A=Average
				H=Maximum
				L=Minimum
				N=Number of Observations
				#=Number of Observations
				S=Standard Deviation
				U=Sum of Squares
				V=Variance
				C=Coefficient of Error
				X=Coefficient of Variance
				E=Skewness
				F=Kurtosis
				Z=Number of Observations That Exceed an Established Limit
				%=Precision
				\$=Accuracy
				B=N/A
				D=Indicates Replicate Sample
COMPST	71	71	1	Composite Space/Time Indicator
				S=Space
				T=Time
				B=Space and Time
				F=Flow Proportional
				1-9=Replicate Number

Note: DBASE III+ record lengths will be one greater than the last stop column displayed (71 here) because DBASE III+ reserves the first space/column of every record for a deletion flag. Hence, DBASE III+ will display a record length of 72 for this database.

The following table provides the DBASE III+ database field structure for all the water quality station locations downloaded from STORET. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Water Quality Station Data File: GREEWQ.DBF in GREESITE.ZIP				
Field Name	Start	Stop	Length	Field Description
NPSSTATID	1	8	8	NPS Station ID (NPS park code + 4 digit sequence number)
AGENCY	9	16	8	Agency Code of Station Owner
STORIDP	17	31	15	STORET Primary Station Code
STORIDS1	32	43	12	STORET First Secondary Station Code
STORIDS2	44	55	12	STORET Second Secondary Station Code
STORIDS3	56	65	10	STORET Third Secondary Station Code
LATITUDE	66	73	8	Station Latitude [degrees:minutes:seconds]
LONGITUDE	74	82	9	Station Longitude [degrees:minutes:seconds]
LAT	83	93	11.6	Station Latitude [decimal degrees, (-) below equator]
LON	94	104	11.6	Station Longitude [decimal degrees, (-) western hemisphere]
LLPREC	105	105	1	Latitude/Longitude Precision Code
RMI	106	329	224	River Mile Index
STATLOC	330	377	48	Station Location Description
CNTYCODE	378	382	5	FIPS State/County Code
STNAME	383	398	16	State Name
CNTYNAME	399	418	20	County Name
HYDUNIT	419	426	8	Hydrologic Unit Code (MAJ/MIN/SUB = Catalog Unit)
MAJBASN	427	450	24	Major Basin Name
MINBASN	451	490	40	Minor Basin Name
STATTYPE	491	550	60	Station Type
STORDATE	551	556	6	Date Station was Stored in STORET
RF1INDEX	557	567	11	RF1 Reach Number Location [2]
RF1MILE	568	575	8.3	Mile Point on RF1 Reach [2]
RF1LOC	576	578	3	Indicates the Location as ON or OFF RF1 Reach [2]
RF1DIST	579	584	6.2	Distance From RF1 Reach

Water Quality Station Data File: GREEWQ.DBF in GREESITE.ZIP				
Field Name	Start	Stop	Length	Field Description
RF3INDEX	585	601	17	RF3 Reach Number Location [3]
RF3MILE	602	607	6.2	Mile point on RF3 Reach [3]
RF3LOC	608	610	3	Indicates the Location as ON or OFF RF3 Reach [2]
RF3DIST	611	616	6.2	Distance From RF3 Reach
DEPH2O	617	620	4	Depth of Water at Station Location [in feet]
ELEV	621	625	5	Station Elevation
ECOREG	626	628	3	ECO Region
H2OBODY	629	678	50	Waterbody ID
AQUIFERS	679	718	40	Aquifer Description
STATDESC1	719	790	72	Station Sentence Description
STATDESC2	791	862	72	Station Sentence Description
STATDESC3	863	934	72	Station Sentence Description
STATDESC4	935	1006	72	Station Sentence Description
STATDESC5	1007	1078	72	Station Sentence Description
STATDESC6	1079	1150	72	Station Sentence Description
STATDESC7	1151	1222	72	Station Sentence Description
STATDESC8	1223	1294	72	Station Sentence Description
STATDESC9	1295	1366	72	Station Sentence Description
STATDESC10	1367	1438	72	Station Sentence Description
STATDESC11	1439	1510	72	Station Sentence Description
STATDESC12	1511	1582	72	Station Sentence Description
STATDESC13	1583	1654	72	Station Sentence Description
STATDESC14	1655	1726	72	Station Sentence Description
STATDESC15	1727	1798	72	Station Sentence Description
STATLOCKED	1799	1799	1	Station Locked (Logical) True/False

The following table provides the DBASE III+ database field structures for the EPA Industrial Facilities Discharge database. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Industrial Facilities Discharges File: GREEIFD.DBF in GREESITE.ZIP				
Field Name	Start	Stop	Length	Field Description
SITEID	1	9	9	Site Identifier (NPDES Number)
LATITUDE	10	17	8	Facility Latitude (Degrees:Minutes:Seconds)
LONGITUDE	18	26	9	Facility Longitude (Degrees:Minutes:Seconds)
LAT	27	37	11.6	Facility Latitude (decimal degrees, (-) below equator)
LON	38	48	11.6	Facility Longitude (decimal degrees, (-) west. hem.)
RF1INDEX	49	59	11	RF1 Reach Number Location
RF1MILE	60	65	6.2	Mile Point on RF1 Reach
RF1DIST	66	71	6.2	Distance From RF1 Reach
RF3INDEX	72	88	17	RF3 Reach Number Location
RF3MILE	89	94	6.2	Mile Point on RF3 Reach
RF3DIST	95	100	6.2	Distance From RF3 Reach
ADR	101	125	25	Address
BFL	126	132	7.2	Total Direct Combined C&P Flow (1000 GPD)
CCFLG	133	133	1	Coastal County Flag "Y"/"N"/"E"=Estuary
CC1	134	138	5	City Code #1 (EPA Code)
CFL	139	145	7.2	Total Direct Cooling Flow (1000 GPD)
CNC	146	148	3	County Code (FIPS)
CTY	149	168	20	City Name
CZIP	169	177	9	Canadian Zip Code
DNB	178	186	9	Dunn & Bradstreet Number
DNBFLG	187	187	1	Dunn & Bradstreet PCS Source Flag
EGF	188	202	15.4	Flow From Effluent Guidelines (1000 GPD)
EGS	203	208	6	Effluent Guidelines Subcategory
EXPDT	209	216	8	Expiration Date (mm/dd/yy)
E308SN	217	220	4	Effluent Guidelines Survey Number
FAC	221	229	9	SCS Facility Identifier (Cross-Reference)
FDS	230	232	3	Facility Data Source

Industrial Facilities Discharges File: GREEIFD.DBF in GREESITE.ZIP				
Field Name	Start	Stop	Length	Field Description
FFL	233	239	7.2	Total Facility Flow (1000 GPD)
FHF	240	240	1	Fac. Hit Flag (Reach File) V=Versar Assumed
FLOTYP	241	243	3	I=Blow Down, R=Bottom Ash, S=Fly Ash
FLR	244	250	7.2	Flow Recvd-Industrial (1000 GPD) Permit Data
FRDS	251	259	9	FRDS ID# - XREF To Water Supply
FRW	260	289	30	Facility Receiving Water Name
FS1	290	293	4	Facility SIC Code (From PCS)
FS2	294	297	4	Facility SIC Code #1
FS3	298	301	4	Facility SIC Code #2
FS4	302	305	4	Facility SIC Code #3
FS5	306	309	4	Facility SIC Code #4
FUD	310	317	8	Facility Level Last Date Updated (mm/dd/yy)
IACC	318	318	1	Inactive/Active Indicator ("I" or "A")
ICAT	319	320	2	WQAB Industrial Category
ICAT2	321	322	2	WQAB Industrial Category 2
ICAT3	323	324	2	WQAB Industrial Category 3
IFL	325	331	7	Total Indirect Flow (1000 GPD)
IFT	332	332	1	Illinois Facility Type (A thru Z)
IG1	333	334	2	Facility Industrial Group #1
IG2	335	336	2	Facility Industrial Group #2
IJCN	337	346	10	Canadian Record Identifier
INACT	347	353	7	Inactive/Rescinded P=Based on Permit;A=Actual
INDCNT	354	357	4	Computed Number of Indirect Dischargers
LATLON	358	372	15	Polygon Retrieval Lat/Long.
MAJ	373	373	1	Major-Minor Flag (From PCS)
MAPID	374	377	4	Map Identifier
MJMN	378	381	4	Major/Minor Basin (EPA-STORET)
NAM	382	441	60	Facility Name
NDC	442	444	3	Number of Discharges (Pipes)

Industrial Facilities Discharges File: GREEIFD.DBF in GREESITE.ZIP				
Field Name	Start	Stop	Length	Field Description
NDSFLO	445	451	7.2	NEEDS Flow (1000 GPD)
NDSIFLO	452	458	7.2	NEEDS Industrial Flow (1000 GPD)
NID	459	462	4	Number of Indirect Dischargers
NPC	463	463	1	NEEDS Pre-Treatment Code "Y"=Yes, "N"=No
NPS	464	464	1	NPDES Facility Source/Status
NSN	465	473	9	NEEDS Survey Number
NTC	474	474	1	NEEDS Treatment Code
OCP	475	480	6	Organic Chemical Producers ID Number
ODESCC	481	481	1	ODES Coastal County "Y"=Yes; "N"=No
OFL	482	488	7.2	Total Non-Direct Other Flow (1000 GPD)
OWN	489	491	3	Ownership Code
PFL	492	498	7.2	Total Direct Process Flow (1000 GPD)
REG	499	500	2	EPA Region
REGKEY	501	504	4	Region Key
RSLOFLO	505	511	7.2	Receiving Stream Low Flow
RSMNFLO	512	518	7.2	Receiving Stream Mean Flow
STA	519	520	2	State Postal Abbreviation
STAID	521	535	15	State Identifier
STC	536	537	2	State Code (FIPS)
STCITY	538	544	7	State/City Code
TFLOW	545	551	7.2	Type Flow (1000 GPD)
UFL	552	558	7.2	Total Direct Undefined Flow (1000 GPD)
XEGS	559	561	3	Effluent Guidelines Subcat Index
XKEY	562	562	1	"1","2","3","4","5","6","7","8","9"
XNME	563	565	3	GLP,DIR,F2C,ENF,CET,LAG,PPB,M85,M86
ZIP	566	570	5	Zip Code

The following table provides the DBASE III+ database field structures for drinking water intakes from the EPA DRINKS database. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

<u>Drinking Water Intakes File: GREEDRIN.DBF in GREESITE.ZIP</u>				
Field Name	Start	Stop	Length	Field Description
SITEID	1	20	20	Site Identifier
LATITUDE	21	28	8	Facility Latitude (Degrees:Minutes:Seconds)
LONGITUDE	29	37	9	Facility Longitude (Degrees:Minutes:Seconds)
LAT	38	48	11.6	Facility Latitude (decimal degrees, (-) below equator)
LON	49	59	11.6	Facility Longitude (decimal degrees, (-) west. hem.)
RF1INDEX	60	70	11	RF1 Reach Number Location
RF1MILE	71	76	6.2	Mile Point on RF1 Reach
RF1DIST	77	82	6.2	Distance From RF1 Reach
RF3INDEX	83	99	17	RF3 Reach Number Location
RF3MILE	100	105	6.2	Mile Point on RF3 Reach
RF3DIST	106	111	6.2	Distance From RF3 Reach
AQCD	112	115	4	Aquifer Code
ASC	116	138	23	STORET Agency/Station Code
AVGD	139	142	4	Average Depth
BUY	143	143	1	Purchase Code
CC1	144	148	5	City Code #1 (EPA Code)
CNC	149	151	3	County Code (FIPS)
CNME	152	166	15	Contact Name
CNN	167	186	20	County Name
CTITLE	187	201	15	Contact Title
CTY	202	221	20	City Name
DUD	222	229	8	Date of Update
FRDS	230	238	9	FRDS ID# - Cross-Reference
GEOAG	239	258	20	Geologic Age
GEOCDE	259	261	3	Geologic Age Code
IDAT	262	269	8	Date (mm/dd/yy)

<u>Drinking Water Intakes File: GREEDRIN.DBF in GREESITE.ZIP</u>				
Field Name	Start	Stop	Length	Field Description
INTAKET	270	270	1	Type Source G/S/B
INTRVWR	271	285	15	Interviewer
MAXD	286	289	4	Maximum Depth
MILES	290	296	7.2	Miles
MIND	297	300	4	Minimum Depth
NAME	301	320	20	Name
NPD	321	329	9	NPDES# XREF to IFD Database
NWLS	330	332	3	Number of Wells
OWN	333	335	3	Ownership
PAVGF	336	342	7.2	Production Avg. Daily (Gal/Day)
PCTSUP	343	345	3	%Surface / %Ground
PHONE	346	355	10	Telephone Number
PMAXF	356	362	7.2	Production Max. Daily (Gal/Day)
POPSV	363	371	9	Population Served
REG	372	373	2	EPA Region
SHLAT	374	379	6	Sitehelp Latitude (DDMMSS)
SHLNG	380	386	7	Sitehelp Longitude (DDDMMSS)
SHMILES	387	393	7.2	Sitehelp Miles
SHNME	394	403	10	Sitehelp Source Name
SHPCT	404	410	7.2	Sitehelp Percent of Reach Miles
SRC	411	413	3	Sitehelp Source Code
STA	414	415	2	State Abbreviation
STC	416	417	2	State Code (FIPS)
TUF	418	424	7.2	Total Utility Flow
TYPCDE	425	425	1	Type Code
UHF	426	426	1	Utility Hit Flag (Reach File)
VCDE	427	427	1	Versar Code='V'=>25K; '*'=<25K POPSVD
WFPC	428	428	1	Wellfield Precision Code
WFTYP	429	429	1	Well Type (Cassing,Artesian,Infiltration,etc.)

<u>Drinking Water Intakes File: GREEDRIN.DBF in GREESITE.ZIP</u>				
Field Name	Start	Stop	Length	Field Description
WUN	430	449	20	Water Utility Name

The following table provides the DBASE III+ database field structures for the Water Gage database. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Water Gage File: GREEGAGE.DBF in GREESITE.ZIP				
Field Name	Start	Stop	Length	Field Description
SITEID	1	20	20	Site Identifier
LATITUDE	21	28	8	Facility Latitude (DDMMSS)
LONGITUDE	29	37	9	Facility Longitude (DDDMMSS)
LAT	38	48	11.6	Facility Latitude (decimal degrees, (-) below equator)
LON	49	59	11.6	Facility Longitude (decimal degrees, (-) west. hem.)
RF1INDEX	60	70	11	RF1 Reach Number Location
RF1MILE	71	76	6.2	Mile Point on RF1 Reach
RF1DIST	77	82	6.2	Distance From RF1 Reach
RF3INDEX	83	99	17	RF3 Reach Number Location
RF3MILE	100	105	6.2	Mile Point on RF3 Reach
RF3DIST	106	111	6.2	Distance From RF3 Reach
JAN	112	118	7.2	Monthly Flow - January
FEB	119	125	7.2	Monthly Flow - February
MAR	126	132	7.2	Monthly Flow - March
APR	133	139	7.2	Monthly Flow - April
MAY	140	146	7.2	Monthly Flow - May
JUN	147	153	7.2	Monthly Flow - June
JUL	154	160	7.2	Monthly Flow - July
AUG	161	167	7.2	Monthly Flow - August
SEP	168	174	7.2	Monthly Flow - September
OCT	175	181	7.2	Monthly Flow - October
NOV	182	188	7.2	Monthly Flow - November
DEC	189	195	7.2	Monthly Flow - December
RGN	196	197	2	Region Code
AREA	198	204	7.2	Drainage Area (SQ.MI.)
DUD	205	212	8	Date of Update

Water Gage File: GREEGAGE.DBF in GREESITE.ZIP				
Field Name	Start	Stop	Length	Field Description
FBCF	213	213	1	Flag - Basic Characteristic File ('Y')
FDFE	214	214	1	Flag - Daily Flows File ('Y')
FQMINV	215	224	10	IHS Pt. Files Index
GHF	225	225	1	Hit Flag (Reach File)
ICDE	226	226	1	Integrity Code
LFVEL	227	233	7.2	Low Flow Velocity
METHOD	234	236	3	Calculation Method Code
MFVEL	237	243	7.2	Mean Flow Velocity
MNFLO	244	250	7.2	USGS Mean Annual Flow
NME	251	298	48	Station Name
SHLAT	299	304	6	Sitehelp Latitude (DDMMSS)
SHLNG	305	311	7	Sitehelp Longitude (DDDMMSS)
SHMILES	312	318	7.2	Sitehelp Miles
SHNME	319	328	10	Sitehelp Source Name
SHPCT	329	335	7.2	Sitehelp Percent of Reach Miles
SITE	336	337	2	Site Location
SRC	338	340	3	Sitehelp Source Code
STCTY	341	345	5	State/County Numeric Code
SVTEN	346	352	7.2	USGS 7-10 Year Flow
BEG_WYR	353	356	4	Beginning Water Year
END_WYR	357	359	4	Ending Water Year
ELEV	361	368	8.2	Elevation (Feet)
WELL_DP	369	376	8.2	Well Depth (Feet)

The following table provides the DBASE III+ database field structures for the Water Impoundment database. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

<u>Water Impoundment File: GREEDAMS.DBF in GREESITE.ZIP</u>				
Field Name	Start	Stop	Length	Field Description
SITEID	1	7	7	Site Identifier
SOURCE	8	10	3	Source of Data
ST1	11	12	2	Primary State Code Abbreviation
STCTY1	13	17	5	State/County Numeric Code
NAME	18	47	30	Official Name of Dam
LATITUDE	48	53	6	Facility Latitude (DDMMSS)
LONGITUDE	54	60	7	Facility Longitude (DDDMMSS)
LAT	61	70	10.6	Facility Latitude (decimal degrees, (-) below equator)
LON	71	81	11.6	Facility Longitude (decimal degrees, (-) west. hem.)
INME	82	111	30	Impoundment Name
RNME	112	139	28	River, Stream, or Tributary Name on Which Dam Built
CUSEGMI	140	149	10	Catalog Unit, Segment, and Segment Length
REGN	150	151	2	Water Resources Council Region Code
RGBSN	152	155	4	Water Resources Region/Basin Code
CU	156	163	8	Catalog Unit
SEG	164	166	3	Reach Segment of Dam
SEGL	167	171	5.2	Reach Segment Length
PURP	172	172	1	Major Purpose of Dam
				I=Irrigation
				H=Hydroelectric
				N=Navigation
				S=Water Supply
				R=Recreation
				P=Stock/Farm Pond
				D=Debris Control
				F=Flood Control

<u>Water Impoundment File: GREEDAMS.DBF in GREESITE.ZIP</u>				
Field Name	Start	Stop	Length	Field Description
				O=Other
FRF3	173	189	17	RF3 Reach Number Location
FRF3MI	190	194	5	Mile Point on RF3 Reach
PURPKEY	195	195	1	Purpose Key
PUR2	196	196	1	Purpose of Dam 2 (See Above)
PUR3	197	197	1	Purpose of Dam 3 (See Above)
PUR4	198	198	1	Purpose of Dam 4 (See Above)
PUR5	199	199	1	Purpose of Dam 5 (See Above)
PUR6	200	200	1	Purpose of Dam 6 (See Above)
PUR7	201	201	1	Purpose of Dam 7 (See Above)
PUR8	202	202	1	Purpose of Dam 8 (See Above)
PUR9	203	203	1	Purpose of Dam 9 (See Above)
PUR10	204	204	1	Purpose of Dam 10 (See Above)
TYPDAM	205	206	2	Major Dam Portion Type
				RE=Earth
				VA=Vaulted Arch
				CD=Buttress
				PG=Gravity
				ER=Rockfill
				MV=Multi-Arch
				OT=Other
YRCMP	207	210	4	Year Dam Completed
SHGT	211	214	4	Structural Height (Feet)
HHGT	215	218	4	Hydraulic Height (Feet)
VNORM	219	236	8	Normal Storage of Impoundment (Acre-Feet)
VMAX	227	234	8	Maximum Storage of Impoundment (Acre-Feet)
LCRST	235	239	5	Crest Length of Dam (Feet)
TSPL	240	240	1	Spillway Type
				C=Controlled

<u>Water Impoundment File: GREEDAMS.DBF in GREESITE.ZIP</u>				
Field Name	Start	Stop	Length	Field Description
				U=Uncontrolled
				N=None
				X=Unknown
WSPL	241	244	4	Dam Spillway Width (Feet)
QMAX	245	251	7	Maximum Spillway Discharge (CFS)
PINS	252	258	7.2	Quantity of Installed Power (Megawatts)
PPRO	259	265	7.2	Quantity of Proposed Power (Megawatts)
LOCK	266	266	1	Number of Navigational Locks
OWNR	267	290	24	Name of Impoundment Owner
PFOWN	291	291	1	Ownership Code
				N=Non-Federal
				G=Federal Government Agency
				C=Corps of Engineers
				X=Unknown
FEDR	292	292	1	Federally Regulated (Y=Yes, N=No, X=Unknown)
FLND	293	293	1	Private Dam on Federal Land (Y=Yes, N=No, X=Unknown)
SCSA	294	294	1	Type of Soil Conservation Service Assistance
				N=No Assistance
				T=Technical Assistance
				F=Financial Assistance
				B=Both Technical and Financial Assistance
				X=Unknown
DHAZ	295	295	1	Degree of Downstream Hazard
				1=High (More than a Few Lives Lost; Excessive Economic Loss)
				2=Significant (A Few Lives Lost; Appreciable Economic Loss)
				3=Low (No Lives Expected Lost; Minimal Economic Loss)
DCITY	296	319	24	Nearest Downstream City

<u>Water Impoundment File: GREEDAMS.DBF in GREESITE.ZIP</u>				
Field Name	Start	Stop	Length	Field Description
POP	320	326	7	Population of Downstream City
DMILE	327	331	5.2	Distance of Downstream City From Dam (Miles)
RET	332	342	11.2	Retention Coefficient (Dimensionless)
MIX	343	353	11.2	Mixing Coefficient (Dimensionless)
SAREA	354	361	8	Surface Area of Impoundment (Acres)
SAFLG	362	362	1	Surface Area Flag (C=Calc., M=Measured, O=Other)
ILNTH	363	367	5	Length of Impoundment (Feet)
ILFLG	368	368	1	Impoundment Length Flag (C=Calc., M=Measured, O=Other)
UPKEY	369	374	6	Update Key (YYMMDD)

The following table provides the ASCII and DBASE III+ database field structures for the EPA River Reach File Ver. 3.0 (1:100,000 scale hydrography) attributes. The actual numeric file names will vary depending on the catalog unit(s). This information can be readily incorporated into the park's Geographic Information System.

RF3 Structure File: 12345678.RF3 and 12345678.DBF in GREERF3.ZIP				
Field Name	Start	Stop	Length	Field Description
CATUNIT	1	8	8	Cataloging Unit (CU)
SEGM	9	12	4	Segment Number (SEG)
MI	13	17	5.2	Mile Point (MI)
UPMI	18	22	5.2	Upstream Mile Pt.
SEQNO	23	33	11.6	Hydro Sequence No.
RFLAG	34	34	1	Reach Flag (0,1)
OWFLAG	35	35	1	Open Water Flag (0,1)
TFLAG	36	36	1	Terminal Flag (0,1)
SFLAG	37	37	1	Start Flag (0,1)
RCHTYPE	38	38	1	Reach Type Code
LEV	39	40	2	Stream Level
JUNC	41	42	2	Level of Downstream Reach
DIVERGENCE	43	43	1	Divergence Code
STARTCU	44	51	8	Start CU
STRTSG	52	55	4	Start SEG
STOPCU	56	63	8	Stop CU
STOPSG	64	67	4	Stop SEG
USDIR	68	68	1	Upstream Direction
TERMID	69	73	5	Terminal Stream ID
TRMBLV	74	74	1	Terminal Base Level
PNAME	75	104	30	Primary Name
PNMCD	105	115	11	Primary Name Code
CNAME	116	145	30	Complement Name
CNMCD	146	156	11	Complement Name Code

RF3 Structure File: 12345678.RF3 and 12345678.DBF in GREERF3.ZIP				
Field Name	Start	Stop	Length	Field Description
OWNAME	157	186	30	Open Water Name
OWNMCD	187	197	11	Open Water Name Code
DSCU	198	205	8	Downstream CU
DSSEG	206	209	4	Downstream SEG
DSMI	210	214	5.2	Downstream MI
CCU	215	222	8	Complement CU
CSEG	223	226	4	Complement SEG
CMILE	227	231	5.2	Complement MI
CDIR	232	232	1	Complement Direction
ULCU	233	240	8	Upstream Left CU
ULSEG	241	244	4	Upstream Left SEG
ULMI	245	249	5.2	Upstream Left MI
URCU	250	257	8	Upstream Right CU
URSEG	258	261	4	Upstream Right SEG
URMI	262	266	5.2	Upstream Right MI
SEGL	267	272	6.2	Reach Length (Miles)
RFORGFLAG	273	273	1	RF Orgin flag(1,2,3)
ALTPNMCD	274	281	8	Alt. Primary Name Code
ALTOWNMC	282	289	8	Alt. OW Name Code
DLAT	290	297	8.4	Downstream Latitude
DLONG	298	305	8.4	Downstream Longitude
ULAT	306	313	8.4	Upstream Latitude
ULONG	314	321	8.4	Upstream Longitude
MINLAT	322	329	8.4	Minimum Latitude
MINLONG	330	337	8.4	Minimum Longitude
MAXLAT	338	345	8.4	Maximum Latitude
MAXLONG	346	353	8.4	Maximum Longitude
NDLGREC	354	357	4	No. of DLG Records
LLIKEY1	358	367	10	Starting DLG LL Key1

RF3 Structure File: 12345678.RF3 and 12345678.DBF in GREERF3.ZIP				
Field Name	Start	Stop	Length	Field Description
LL2KEY1	368	377	10	Ending DLG LL Key1
LL1KEY2	378	387	10	Starting DLG LL Key2
LL2KEY2	388	497	10	Ending DLG LL Key2
LL1KEY3	398	407	10	Starting DLG LL Key3
LL2KEY3	408	417	10	Ending DLG LL Key3
LL1KEY4	418	427	10	Starting DLG LL Key4
LL2KEY4	428	437	10	Ending DLG LL Key4
LL1KEY5	438	447	10	Starting DLG LL Key5
LL2KEY5	448	457	10	Ending DLG LL Key5
LL1KEY6	458	467	10	Starting DLG LL Key6
LL2KEY6	468	477	10	Ending DLG LL Key6
LL1KEY7	478	487	10	Starting DLG LL Key7
LL2KEY7	488	597	10	Ending DLG LL Key7
LL1KEY8	498	507	10	Starting DLG LL Key8
LL2KEY8	508	517	10	Ending DLG LL Key8
LL1KEY9	518	527	10	Starting DLG LL Key9
LL2KEY9	528	537	10	Ending DLG LL Key9
LL1KEY10	538	547	10	Start DLG LL Key 10
LL2KEY10	548	557	10	Ending DLG LL Key10
LN1AT2	558	561	4	DLG Line Attr. 1
LN2AT2	562	565	4	DLG Line Attr. 2
AREA1	566	569	4	DLG Area ID 1
AREA2	570	573	4	DLG Area ID 2
AR1AT2	574	577	4	DLG Area Attribute
AR1AT4	578	581	4	DLG Area Attribute
AR2AT2	582	585	4	DLG Area Attribute
AR2AT4	586	589	4	DLG Area Attribute
UPDATE1	590	595	6	Update Date #1 (mmddyy)
UPDTCD1	596	603	8	Update Type Code #1

RF3 Structure File: 12345678.RF3 and 12345678.DBF in GREERF3.ZIP				
Field Name	Start	Stop	Length	Field Description
UPDTSRC1	604	611	8	Update Source #1
UPDATE2	612	617	6	Update Date #2 (mmddyy)
UPDTCDC2	618	625	8	Update Type Code#2
UPDTSRC2	626	633	8	Update Source #2
UPDATE3	634	639	6	Update Date #3 (mmddyy)
UPDTCDC3	640	647	8	Update Type Code #3
UPDTSRC3	648	655	8	Update Source #3
DIVCU	656	663	8	Divergent CU
DIVSEG	664	667	4	Divergent SEG
DIVMILE	668	672	5.2	Divergent MI
DLGID	673	678	6	DLG Number Special Use For Internal State Codes
FILLER	678	685	7	Filler: Future Use

Note: The structure for the .DBF file varies slightly from the RF3 structure displayed here in that the fields UPDATE1, UPDATE2, and UPDATE3 have a width of 8 and the last two fields, DLGID and FILLER, have been replaced with a field named ID of length 17. This ID field combines the CATUNIT, SEGM, and MI fields.

The following table provides the ASCII database field structures for the EPA River Reach File Ver. 3.0 (1:100,000 scale hydrography) traces. The actual numeric file names will vary depending on the catalog unit(s). This file contains the actual hydrographic network and is suitable for conversion into a variety of Geographic Information System formats.

RF3 Trace File: 12345678.TRC in GREERF3.ZIP				
Field Name	Start	Stop	Length	Field Description
(Header Record)				
CATUNIT	1	8	8	Cataloging Unit
SEGM	9	12	4	Segment Number
MI	13	17	5.2	Mile Point
NPTS	18	21	4	Number of Lat/Lon Coordinates
(Coordinate Record)				
LATITUDE	1	8	8.4	Latitude in Decimal
LONGITUDE	9	16	8.4	Longitude in Decimal
FILLER	17	21	5	

The following table provides the ASCII database field structures for the EPA River Reach File Ver. 3.0 (1:100,000 scale hydrography) catalog unit boundary file. The actual numeric file names will vary depending on the catalog unit(s). This file contains the actual catalog unit boundary and is suitable for conversion into a variety of Geographic Information System formats.

<u>Catalog Unit Boundary File: 12345678.CUB in GREERF3.ZIP</u>
First Line = Catalog Unit Number (8 Characters)
Subsequent Lines:
L=DDMMSS,L=DDMMSS,L=DDMMSS,L=DDMMSS,L=DDMMSS,L=DDMMSS, ...
Example:
02070010
L=391259,L=0770809,L=391220,L=0770749,L=391147,L=0770715,L=391120,L=0770633,
L=391058,L=0770535,L=391042,L=0770520,L=391016,L=0770427,L=390948,L=0770416,
L=390526,L=0765331,L=390500,L=0765149,L=390456,L=0765139,L=390357,L=0765123,
...
L=390744,L=0771007,L=390826,L=0771022,L=390910,L=0771022,L=390950,L=0771003,
L=391107,L=0770922,
There can be as many as four latitude/longitude pairs per line.

The following table provides the DBASE III+ database field structure of the Water Resources Division's "encyclopedia" file that documents the minimum and maximum parameter values found and the park(s) where they occurred. This file is intended for Water Resources Division internal use, but will be available to anyone upon request after Baseline Water Quality Data Inventory and Analysis reports have been completed for all parks.

<u>Encyclopedia File: WRD File For Internal Use Only</u>				
Field Name	Start	Stop	Length	Field Description
PARM	1	5	5	STORET Parameter Code
PARMNAME	6	45	40	Parameter Name
MINVAL	46	61	16.7	Minimum Value
MINVALPARK	62	65	4	Park Unit with Minimum Value
MAXVAL	66	71	16.7	Maximum Value
MAXVALPARK	72	75	4	Park Unit with Maximum Value

Appendix C

STORET Water Quality Control/Edit Checking

The following table provides the high and low values used by STORET since November 1983 for 190 common water quality parameters to screen or error check data. Data entered into STORET prior to November 1983, however, were not subjected to this edit/bounds check. Additionally, data from the USGS WATSTORE system that is loaded into STORET is never subjected to these edit criteria and agencies entering data in STORET can override these edit criteria to enter data values that fall outside a range. As a consequence, all data downloaded from STORET for the purposes of this project were filtered through these edit criteria to document values outside the generally accepted ranges. Decisions were then made on a case-by-case basis to retain or discard obviously incorrect data. Refer to the Water Quality Observations Outside STORET Edit Criteria section of the Interpretive Guide To Water Quality Results chapter for more information on this subject.

STORET Code	STORET Parameter Description	High Value	Low Value
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	37.0	-2.0
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	98.0	31.0
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	52.0	-40.0
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	125.0	-40.0
00026	TOXICS-IDENTIFY DATA COLLECTION BY EPA DIRECTIVE	1990.9	1977.0
00032	CLOUD COVER (PERCENT)	101.0	0.0
00035	WIND VELOCITY (MILES PER HOUR)	85.0	0.0
00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	361.0	0.0
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	15.0	0.0
00070	TURBIDITY, (JACKSON CANDLE UNITS)	1500.0	0.0
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	101.0	0.0
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	500.0	0.0
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	1000.0	0.0
00077	TRANSPARENCY, SECCHI DISC (INCHES)	600.0	0.0
00080	COLOR (PLATINUM-COBALT UNITS)	500.0	0.0
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	500.0	0.0
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	250.0	0.0
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	60000.0	1.0
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	60000.0	1.0
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	30.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00300	OXYGEN, DISSOLVED (MG/L)	30.0	0.0
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION%	200.0	0.0
00310	BOD, 5 DAY, 20 DEG C (MG/L)	150.0	0.0
00335	COD, .025N K2CR2O7 (MG/L)	1000.0	0.0
00340	COD, .25N K2CR2O7 (MG/L)	1000.0	0.0
00365	CHLORINE DEMAND, 15 MINUTE (MG/L)	15.0	0.0
00400	PH (STANDARD UNITS)	12.0	0.9
00403	PH, LAB, STANDARD UNITS, (STANDARD UNITS)	12.0	0.9
00405	CARBON DIOXIDE (MG/L AS CO2)	100.0	0.0
00406	PH, FIELD (STANDARD UNITS)	12.0	0.9
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	1000.0	0.0
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	750.0	0.0
00435	ACIDITY, TOTAL (MG/L AS CaCO3)	1000.0	0.0
00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CaCO3)	1000.0	0.0
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CaCO3)	750.0	0.0
00440	BICARBONATE ION (MG/L AS HCO3)	450.0	0.0
00445	CARBONATE ION (MG/L AS CO3)	100.0	0.0
00480	SALINITY - PARTS PER THOUSAND	40.0	0.0
00500	RESIDUE, TOTAL (MG/L)	15000.0	0.0
00505	RESIDUE, TOTAL VOLATILE (MG/L)	10000.0	0.0
00510	RESIDUE, TOTAL FIXED (MG/L)	10000.0	0.0
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C), (MG/L)	20000.0	0.0
00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	10000.0	0.0
00525	RESIDUE, FIXED FILTRABLE (MG/L)	10000.0	0.0
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10000.0	0.0
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10000.0	0.0
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10000.0	0.0
00545	RESIDUE, SETTLEABLE (ML/L)	1000.0	0.0
00546	RESIDUE, SETTLEABLE (MG/L)	1000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC., (MG/L)	250.0	0.0
00600	NITROGEN, TOTAL (MG/L AS N)	100.0	0.0
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	15.0	0.0
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	25.0	0.0
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	20.0	0.0
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	5.0	0.0
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	50.0	0.0
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	50.0	0.0
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	55.0	0.0
00635	NITROGEN, AMMONIA & ORG., TOTAL 1 DET (MG/L AS N)	70.0	0.0
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	30.0	0.0
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	30.0	0.0
00655	PHOSPHATE, POLY (MG/L AS PO4)	30.0	0.0
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	30.0	0.0
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10.0	0.0
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10.0	0.0
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	100.0	0.0
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	100.0	0.0
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	100.0	0.0
00690	CARBON, TOTAL (MG/L AS C)	150.0	0.0
00720	CYANIDE, TOTAL (MG/L AS CN)	10.0	0.0
00745	SULFIDE, TOTAL (MG/L AS S)	1500.0	0.0
00746	SULFIDE, DISSOLVED (MG/L AS S)	1500.0	0.0
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	150.0	0.0
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	5000.0	0.0
00910	CALCIUM (MG/L AS CaCO3)	3000.0	0.0
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	1000.0	0.0
00916	CALCIUM, TOTAL (MG/L AS Ca)	1000.0	0.0
00920	MAGNESIUM (MG/L AS CaCO3)	3000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1000.0	0.0
00927	MAGNESIUM, TOTAL (MG/L AS MG)	1000.0	0.0
00929	SODIUM, TOTAL (MG/L AS NA)	5000.0	0.0
00930	SODIUM, DISSOLVED (MG/L AS NA)	5000.0	0.0
00931	SODIUM ADSORPTION RATIO	50.0	0.0
00935	POTASSIUM, DISSOLVED (MG/L AS K)	175.0	0.0
00937	POTASSIUM, TOTAL MG/L AS K)	175.0	0.0
00940	CHLORIDE, TOTAL IN WATER, (MG/L)	22000.0	0.0
00945	SULFATE, TOTAL (MG/L AS SO4)	2500.0	0.0
00946	SULFATE, DISSOLVED (MG/L AS SO4)	2500.0	0.0
00950	FLUORIDE, DISSOLVED (MG/L AS F)	15.0	0.0
00951	FLUORIDE, TOTAL (MG/L AS F)	15.0	0.0
00955	SILICA, DISSOLVED (MG/L AS SI02)	2000.0	0.0
00956	SILICA, TOTAL (MG/L AS SI02)	2000.0	0.0
01000	ARSENIC, DISSOLVED (UG/L AS AS)	5000.0	0.0
01002	ARSENIC, TOTAL (UG/L AS AS)	5000.0	0.0
01005	BARIUM, DISSOLVED (UG/L AS BA)	2000.0	0.0
01007	BARIUM, TOTAL (UG/L AS BA)	2000.0	0.0
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	2000.0	0.0
01012	BERYLLIUM, TOTAL (UG/L AS BE)	2000.0	0.0
01020	BORON, DISSOLVED (UG/L AS B)	5000.0	0.0
01022	BORON, TOTAL (UG/L AS B)	5000.0	0.0
01025	CADMIUM, DISSOLVED (UG/L AS CD)	500.0	0.0
01027	CADMIUM, TOTAL (UG/L AS CD)	500.0	0.0
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	2000.0	0.0
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	2000.0	0.0
01033	CHROMIUM, TRI-VAL (UG/L AS CR)	2000.0	0.0
01034	CHROMIUM, TOTAL (UG/L AS CR)	2000.0	0.0
01040	COPPER, DISSOLVED (UG/L AS CU)	2000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
01042	COPPER, TOTAL (UG/L AS CU)	5000.0	0.0
01045	IRON, TOTAL (UG/L AS FE)	56000.0	0.0
01046	IRON, DISSOLVED (UG/L AS FE)	56000.0	0.0
01047	IRON, FERROUS (UG/L AS FE)	56000.0	0.0
01049	LEAD, DISSOLVED (UG/L AS PB)	1000.0	0.0
01051	LEAD, TOTAL (UG/L AS PB)	1000.0	0.0
01055	MANGANESE, TOTAL (UG/L AS MN)	5000.0	0.0
01056	MANGANESE, DISSOLVED (UG/L AS MN)	5000.0	0.0
01065	NICKEL, DISSOLVED (UG/L AS NI)	2000.0	0.0
01067	NICKEL, TOTAL (UG/L AS NI)	2000.0	0.0
01075	SILVER, DISSOLVED (UG/L AS AG)	5000.0	0.0
01077	SILVER, TOTAL (UG/L AS AG)	5000.0	0.0
01090	ZINC, DISSOLVED (UG/L AS ZN)	25000.0	0.0
01092	ZINC, TOTAL (UG/L AS ZN)	25000.0	0.0
01105	ALUMINUM, TOTAL (UG/L AS AL)	20000.0	0.0
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	20000.0	0.0
01145	SELENIUM, DISSOLVED (UG/L AS SE)	100.0	0.0
01501	ALPHA, TOTAL	200.0	0.0
01503	ALPHA, DISSOLVED	75.0	0.0
01505	ALPHA, SUSPENDED	150.0	0.0
03501	BETA, TOTAL	3500.0	0.0
03503	BETA, DISSOLVED	3000.0	0.0
03505	BETA, SUSPENDED	1500.0	0.0
09503	RADIUM 226, DISSOLVED	500.0	0.0
13501	STRONTIUM 90, TOTAL	500.0	0.0
22703	URANIUM, NATURAL, DISSOLVED	500.0	0.0
31501	COLIFORM, TOT, MEMBRANE FILTER, IMMED. M-ENDO MED, 35C	24000000.0	0.0
31502	COLIFORM, TOTAL, 10/ML	24000000.0	0.0
31503	COLIFORM, TOT, MEMBR FILTER, DELAYED, M-ENDO MED, 35C	24000000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
31504	COLIFORM, TOT, MEMBR FILTER, IMMED, LES ENDO AGAR, 35C	24000000.0	0.0
31613	FECAL COLIFORM, MEMBR FILTER, M-FC AGAR, 44.5C, 24HR	10000000.0	0.0
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	10000000.0	0.0
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	10000000.0	0.0
31672	FECAL STREPTOCOCCI, PLATE COUNT M-ENTER AGAR, 35C, 48HR	500000.0	0.0
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	500000.0	0.0
31677	FECAL STREPTOCOCCI, MPN, AD-EVA, 35C (TUBE 31678)	500000.0	0.0
31679	FECAL STREPTOCOCCI, MF M-ENTEROCOCCUS AGAR, 35C, 48H	500000.0	0.0
31749	PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	99999999.0	0.0
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	99999999.0	0.0
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	500.0	0.0
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	750.0	0.0
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	1000.0	0.0
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	200.0	0.0
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	500.0	0.0
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	200.0	0.0
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	2.0	0.0
32221	CHLOROPHYLL A,% OF(PHEOPHYTIN A+CHL A),SPEC-ACID.	101.0	0.0
32230	CHLOROPHYLL A (MG/L)	0.5	0.0
32231	CHLOROPHYLL B (MG/L)	0.8	0.0
32232	CHLOROPHYLL C (MG/L)	0.2	0.0
32234	CHLOROPHYLL, TOTAL (A+B+C) (MG/L)	1.0	0.0
32270	CHLOROFORM EXTRACTABLES TOTAL IN MG PER LITER	5.0	0.0
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	1500.0	0.0
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10.0	0.0
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39340	GAMMA-BHC(LINDANE), WHOLE WATER, (UG/L)	20.0	0.0
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER, (UG/L)	20.0	0.0
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	5.0	0.0
60050	ALGAE, TOTAL (CELLS/ML)	700000.0	0.0
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	4000.0	0.0
70505	PHOSPHATE, TOTAL,COLORIMETRIC METHOD (MG/L AS P)	10.0	0.0
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10.0	0.0
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	65.0	0.0
71886	PHOSPHORUS, TOTAL, AS PO4 - (MG/L)	30.0	0.0
71890	MERCURY, DISSOLVED (UG/L AS HG)	10.0	0.0
71895	MERCURY, SUSPENDED (UG/L AS HG)	10.0	0.0
71900	MERCURY, TOTAL (UG/L AS HG)	10.0	0.0
74010	IRON, TOTAL (MG/L AS FE)	56000.0	0.0

Appendix D

STORET Administrative Parameters

STORET Code	Description of STORET Administrative Parameters
00022	LENGTH OF EXPOSURE OF SAMPLE OR TEST - DAYS
00026	TOXICS-IDENTIFY DATA COLLECTION BY EPA DIRECTIVE
00027	CODE NO FOR AGENCY COLLECTING SAMPLE
00028	CODE NO FOR AGENCY ANALYZING SAMPLE
00029	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION
00073	SAMPLE LOC CODE DEFINED BY THERMAL STRUCT & DEPTH
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI
00115	SAMPLE TREATMENT CODE (1=RAW,2=TREATED)
00116	INTENSIVE SURVEY IDENTIFICATION NUMBER
00145	TOTAL PRODUCTION OF PRODUCT MANUFACTURED TONS/DAY
01273	TOTAL ACID PRIORITY POLLUTANTS MG/L
01274	TOTAL BASE-NEUTRAL PRIORITY POLLUTANTS MG/L
01275	TOTAL VOLATILE PRIORITY POLLUTANTS MG/L
01365	ANALYSIS DATE (DIOXIN) (YYMMDD)
04177	SAMPLE STABILIZATION, RECOVERY TEST CODE
04178	FIELD PROTOCOL(CONFDNCE ASSIGNED FIELD SAMPLE) CODE
04179	SAMPLE STATION LOCKED CODE
04180	CONDITION OF STATION SITE CODE
04181	LABORATORY QA/QC PLAN CONFIDENCE CODE
04182	SAMPLE TYPE CODE
04183	SAMPLE REMARKS CODE
30333	BAG MESH SIZE, BEDLOAD SAMPLER, MM
34772	NPDES NUMBER, CROSS REFERENCE CODE
34785	GAGE TYPE, METHOD CODE

STORET Code	Description of STORET Administrative Parameters
45575	GC MAKE AND MODEL INFORMATION CODE
45576	GC DETECTOR TYPE CODE
45577	GC COLUMN TYPE CODE
45580	METHOD OF ANALYSIS CODE
45581	LABORATORY LOCATION CODE
46107	SAMPLE LOCATION CODE (TREATMENT PLANT OPERATION)
46390	TOXICITY CHARACTERISTIC LEACHING PROCEDURE P OR F
46396	PROCESS TO SIGNIFICANTLY REDUCE PATHOGENS YES OR NO
46397	PROCESS TO FURTHER REDUCE PATHOGENS YES OR NO
47001	PERMIT EXPIRATION DATE (JULIAN CALENDAR)
47044	OBSERVATIONS,WASTE SITE-SEVERITY OF PROBLEMS CODE
47460	SUBSAMPLE - DECIMAL FRACTION OF WHOLE NUMBER
47477	COMPOSITION AND/OR DISPOSITION OF CATCH NUM CODE
70231	CURRENT DIRECTION (DEGREES FROM DOWNSTREAM FLOW)
71999	SAMPLE PURPOSE CODE
72032	NUMBER OF SPILLWAY GATES OPEN
73672	DATE OF ANALYSIS YYMMDD
73673	DATE OF EXTRACTION YYMMDD
74031	GRANT, PROJECT COST ELIGIBLE FOR CONSTRUCTION
74032	GRANT, AMOUNT OF PL 660 GRANT FOR THIS PROJECT
74033	GRANT, FEDERAL, OTHER THAN PL 660 GRANT
74034	GRANT, FUTURE PL 660 WHICH MAY APPLY TO THIS PROJ
74035	GRANT, TOTAL FEDERAL, WHICH APPLIES TO THIS PROJ
74036	GRANT, PROJ NUMBER ASSIGNED TO THIS APPLICATION
74037	GRANT, TYPE OF PROJECT TO WHICH GRANT APPLIES
74038	GRANT, STATUS OF PROJECT TO WHICH GRANT APPLIES
74039	PCS/STORET WATER QUALITY FILE INTERFACE YR/MO/DAY
74040	SURVEY NUMBER YYMMNO
74041	STORET STORAGE TRANSACTION DATE YR/MO/DAY

STORET Code	Description of STORET Administrative Parameters
74050	RADIOACTIVITY, GENERAL (PERMIT)
74051	ALGICIDES, GENERAL (PERMIT)
74052	CHLORINATED HYDROCARBONS, GENERAL (PERMIT)
74053	PESTICIDES, GENERAL (PERMIT)
74056	COLIFORM, TOTAL, GENERAL (PERMIT)
74065	STREAM FLOW CLASS
74066	ANNUAL RUNOFF
74067	SOIL CLASSIFICATION
74068	WATER QUALITY DESIGNATED USE CLASSIFICATION (IA)
74100	PRIMARY 1972 SIC CODE
74101	SECONDARY 1972 SIC CODE
74102	SECONDARY 1972 SIC CODE
74103	SECONDARY 1972 SIC CODE
74200	SAMPLE PRESERVATION METHODS ONE OR MORE IN COMB.
74205	LAND RESOURCE AREA (IOWA)
74206	SOIL EROSION POTENTIAL (IOWA)
74209	WATER QUALITY INDEX - STATE OF ILLINOIS, EPA
74210	FOREST STREAM WATER QUALITY INDEX CALC. NUMBER
74990	FISH SPECIES NUMERIC CODE - F&W SERVICE
74995	ANATOMY CODE
75000	SPECIES CODE-REMARK=SEX (M=MALE,F=FEMALE,U=UNK.)
81028	WITHDRAWAL OF GROUNDWATER (MILLION GAL/DAY)
82258	WATER CLASSIFICATION CODE (1-9) CODE
82292	DATA RELAY GROUND STATION SOURCE NODE CODE, CODE
82309	CONTAMINATION SOURCE POSSIBLE CODES NUMERIC CODE
82310	DEPTH CONFIDENCE IN REPORTED VALUES NUMERIC CODES
82373	FREQUENCY OF SAMPLING M=MON,Q=QUAR,Y=YR,R=RNFFCODE
82519	DRILLER REGISTRATION NUMBER ALPHA-NUMERIC CODE
82562	NARRATIVE REQUIREMENT EXCEEDANCES INTEGER

STORET Code	Description of STORET Administrative Parameters
82576	DAILY EXCURSION TIME, WATER MIN
82577	MONTHLY EXCURSION TIME, WATER TOTAL MIN
82578	DAY/MAXIMUM EXCURSION TIME, WATER MIN
82579	CODE NUMBER FOR PERSON COLLECTING SAMPLE
84002	CODE, GENERAL INFORMATION - ALPHA, NUMERIC CODE
84003	WATER SHED ID NUMBER (IOWA)
84005	FISH SPECIES CODE-FISH & WILDLIFE SER
84006	OWNERSHIP CLASSIFICATION OF LAKE, ILLINOIS SYSTEM
84010	PUBLIC ACCESS TO LAKE ILLINOIS SYSTEM
84011	CONFIDENCE CODE FOR GLC CONFIRMATION CODE
84012	PATIENT PARAMETERS (AGE, SEX, WT, ETC.) CODE
84013	SAMPLE PARAMETERS D=DESIGN SPECIMEN, S=SURPLUS
84027	CODE NUMBER FOR AGENCY COLLECTING SAMPLE
84028	CODE NO FOR AGENCY ANALYZING SAMPLE
84029	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE FIELD
84033	EGD ANALYTICAL DATA COMPLETENESS Y=YES N=NO CODE
84034	EGD SMPL NO.(SMPL.IDENT) NUMERIC=SCS ALPH+4NUM=JRB
84035	EGD SAMPLE CLASSIFICATION CATEGORY ALPHA CODE
84036	EGD INDUSTRIAL CATEGORY NUMERIC CODE
84037	EGD INDUSTRIAL CATEGORY NAME ALPHA CODE
84038	EGD LABORATORY NUMERIC CODE
84039	EGD LABORATORY NAME ALPHA CODE
84040	EGD SAMPLE STATUS (1-5,9,AND BLANK) NUMERIC CODE
84041	EGD ACID STATUS (1-5,9,AND BLANK) NUMERIC CODE
84042	EGD BASE STATUS (1-5,9AND BLANK) NUMERIC CODE
84043	EGD PESTICIDE STATUS (1-5,9,AND BLANK) NUMERIC CODE
84044	EGD VOA FRACT. STATUS INDICATOR (1-5,9,BLANK) CODE
84045	EGD ACID EXTRACT DATE (YYMMDD) NUMERIC CODE
84046	EGD BASE EXTRACTION DATE (YYMMDD) NUMERIC CODE

STORET Code	Description of STORET Administrative Parameters
84047	EGD PESTICIDE EXTRACTION DATE (YYMMDD) NUMERIC CODE
84048	EGD VOA FRACTION INJECTION DATE YYMMDD NUMERIC CODE
84049	EGD ACID CONC. FACTOR (FIVE NUMERIC DIGITS) CODE
84050	EGD BASE CONC.FACTOR (FIVE NUMERIC DIGITS) CODE
84051	EGD PESTICIDE CONC.FACTOR (FIVE NUMERIC DIGITS) CODE
84052	EGD VOA FRACTION CONC. FACTOR (5 NUMERIC DIGITS) CODE
84053	SAMPLE TYPE AND FREQUENCY OF COLLECTION CODE
84054	LITHOLOGY ALPHA-NUMERIC CODE
84055	AVAILABLE LOGS ALPHA-NUMERIC CODE
84056	WATER USE CATEGORY ALPHA-NUMERIC CODE
84057	INSPECTION TYPE ALPHA-NUMERIC CODE
84058	HYDROGEOLOGIC SYSTEM ALPHA-NUMERIC CODE
84059	WELL OWNERSHIP ALPHA-NUMERIC CODE
84060	TOPOGRAPHY ALPHA-NUMERIC CODE
84061	WELL USE ALPHA-NUMERIC CODE
84062	MEASURING POINT DESCRIPTION ALPHA-NUMERIC CODE
84063	DRILLING METHOD ALPHA-NUMERIC CODE
84064	WELL DATA AVAILABILITY ALPHA-NUMERIC CODE
84065	PERMIT COMPLIANCE DATA ALPHA-NUMERIC CODE
84067	NATURE OF MONITORING ALPHA-NUMERIC CODE
84073	REPLACES EXISTING WELL ALPHA-NUMERIC CODE
84074	AQUIFER TYPE (SEE USGS HANDBOOK) ALPHA CODE
84075	WELL PERMIT NUMBER ALPHA-NUMERIC CODE
84076	TSD MONITORING WELL TYPE ALPHA CODE
84077	TSD MONITORING WELL SAMPLING METHOD ALPHA CODE
84083	POLLUTION VERIFICATION ALPHA CODE
84084	WELL SAMPLE PURPOSE ALPHA CODE
84090	SAMPLE FILE CONTROL PROJECT IDENTIFICATION A-CODE
84091	INFILTRATION DATE/BEGINNING 'YYMMDD'

STORET Code	Description of STORET Administrative Parameters
84092	INFILTRATION DATE/ENDING 'YYMMDD'
84093	ENFORCEMENT FORM #2-C, DATA IDENTIFICATION CODE
84102	SAMPLE SPECIES-SUB ID ALPHA CODE
84103	DIOXIN LABORATORY ALPHA CODE
84104	DIOXIN STUDY ALPHA CODE
84112	SOURCE OF GEOHYDROLOGIC DATA CODE
84119	SOURCE OF EVACUATION DATA CODE
84121	REGULATING AGENCY CODE
84122	SAMPLE PURPOSE CODE
84126	SOURCE OF DEPTH DATA CODE
84127	METHOD OF DEPTH MEASUREMENT CODE
84128	SOURCE OF WATER-LEVEL DATA CODE
84129	DATA QUALITY
84141	LAKE, PHYSICAL CONDITION AT SAMPLE TIME, 1-5, CODE
84142	LAKE, RECREATIONAL SUITABILITY @ SMPL TIME, 1-5, CODE
84164	SAMPLER TYPE, CODE
85300	PROBLEM CODE NES SURVEY
85327	WATER LEVEL AT SAMPLE COLLECTION TIME-CODE-NES
85332	CLOUD COVER AT SAMPLE COLLECTION TIME-CODE-NES
85553	WELL COMPLETION DATE (MONTH/YEAR)
85554	WELL WORKOVER DATE, LATEST (MONTH/YEAR)

Appendix E

STORET Parameters Not Suitable for Statistical Analysis

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
00001	X-SEC. LOC., HORIZ (FT. FROM R BANK LOOK UPSTR.)
00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)
00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)
00006	DISTANCE FROM LOCATION IN X MILES
00007	DISTANCE FROM LOCATION IN Y MILES
00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE
00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)
00027	CODE NO FOR AGENCY COLLECTING SAMPLE
00028	CODE NO FOR AGENCY ANALYZING SAMPLE
00033	WEATHER CODE FOR OCEAN-OBSERV. (WMO CODE 4677)
00037	WIND FORCE (BEAUFORT UNITS)
00038	WIND DIRECTION (WMO CODES 0885 + 0887)
00041	WEATHER (WMO CODE 4501)
00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL
00043	CLOUD TYPE (WMO CODE 0500)
00044	CLOUD AMOUNT (WMO CODE 2700)
00047	TOTAL PARTIAL PRESSURE DISSOLVED GASES (MM HG)
00048	TOTAL PARTIAL PRESSURE DISSOLVED GASES (% SAT)
00049	SURFACE AREA IN SQUARE MILES
00050	EVAPORATION, TOTAL (INCHES PER DAY)
00051	SURFACE AREA IN SQUARE FEET
00053	SURFACE AREA, ACRES
00054	RESERVOIR STORAGE - ACRE FEET
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION
00067	TIDE STAGE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
00069	SEA WAVES(0=NONE;1=0-3";2=4-20";3=21-48";4=4-8')
00097	SAMPLING STATION LOCATION, VERTICAL (FEET)
00098	SAMPLING STATION LOCATION, VERTICAL (METERS)
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI
00115	SAMPLE TREATMENT CODE (1=RAW,2=TREATED)
01300	OIL-GREASE (SEVERITY)
01305	DETERGENT SUDS (SEVERITY)
01310	GAS BUBBLES (SEVERITY)
01315	SLUDGE, FLOATING (SEVERITY)
01320	GARBAGE, FLOATING (SEVERITY)
01325	ALGAE, FLOATING MATS (SEVERITY)
01330	ODOR, ATMOSPHERIC (SEVERITY)
01331	TASTE (SEVERITY)
01335	SEWAGE SOLIDS, FRESH, FLOATING (SEVERITY)
01340	FISH, DEAD (SEVERITY)
01345	DEBRIS, FLOATING (SEVERITY)
01350	TURBIDITY (SEVERITY)
01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE
01355	ICE COVER, FLOATING OR SOLID (SEVERITY)
03595	BIOASSAY (96 HR), EFFLUENT, TOTAL CODE
03596	BIOASSAY (48 HR), EFFLUENT, TOTAL CODE
03597	BIOASSAY (24 HR), EFFLUENT, TOTAL CODE
03598	TOXICITY, EFFLUENT, TOTAL CODE
03599	TOXICITY, CHOICE OF SPECIES, EFFLUENT CODE
03600	TOXICITY, TROUT, EFFLUENT, TOTAL CODE
03601	TOXICITY, SAND DOLLAR, EFFLUENT CODE
03602	BIOCHEMICAL OXYGEN DEMAND, EFFLUENT, TOTAL CODE
03603	SOLIDS, TOTAL SUSPENDABLE, EFFLUENT, TOTAL CODE
03605	FLOW METER CALIBRATION, WATER CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
03717	ONCORHYNCHUS MYKISS, WATER CODE
04117	TETHER LINE USED FOR COLLECTING SAMPLE CODE
04160	HALOCARBONS, PURGEABLE, SCAN, EFFLUENT CODE
04161	HALOCARBONS, PURGEABLE, SCAN, SLUDGE CODE
04162	AROMATIC, PURGEABLE, SCAN, EFFLUENT CODE
04163	AROMATIC, PURGEABLE, SCAN, SLUDGE CODE
04164	PHENOLIC, TOTAL, SCAN, EFFLUENT CODE
04165	PHENOLIC, TOTAL, SCAN, SLUDGE CODE
04166	PCB, TOTAL, SCAN, EFFLUENT CODE
04167	PCB, TOTAL, SCAN, SLUDGE CODE
04174	FREE LIQUIDS IN SEWAGE SLUDGE CODE
34765	AVIAN NUMERICAL SPECIES CODE (BIRDS)
34766	MAMMALIAN NUMERICAL SPECIES CODE
34771	MACROPHYTE, INSTREAM, VISUAL SIGHTING CODE
34773	ODOR, AMBIENT WATER CODE
34774	FISH, INSTREAM, VISUAL SIGHTING CODE
34775	STREAMBANK CHANNEL ALTERATIONS CODE
34776	HYDRAULIC STRUCTURES, INSTREAM CODE
34780	LAND USE, ADJACENT STREAM CODE
34781	SAMPLE POINTS, # OF LONGTDNL TRANSECTS, REACH CODE
34782	STREAM STAGE TREND CODE
34789	HABITATS, TYPES SAMPLED CODE
45613	FLOATING SOLIDS/VISIBLE FOAM, VISUAL, YES=1, NO=0, CODE
45614	SANITARY WASTE DISCHARGE ASSESSMENT, YES=1, NO=0, CODE
45615	INTERMITTENT DISCHARGE ASSESSMENT, YES=1, NO=0, CODE
46001	WATER APPEARANCE CODE (BASED ON FIELD ASSESSMENT)
46478	EQUIPMENT INSPECTION, VISUAL CODE
46486	TOXICITY, ACUTE 24HR (STATIC) CERIODAPHNIA (P/F) CODE
47454	FLOW METER REVOLUTIONS NUMBER

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
47455	LATITUDE, STARTING, OF A SAMPLE TOW DDMMS
47456	LONGITUDE, STARTING, OF A SAMPLE TOW DDDMMSS
47457	LATITUDE, FINISHING, OF A SAMPLE TOW DDMMS
47458	LONGITUDE, FINISHING, OF A SAMPLE TOW DDDMMSS
47459	LENGTH FREQUENCY NUMBER
47461	TIME THAT THE EQUIPMENT WAS SAMPLING MINUTES
47476	DIRECTION OF TOW IN RELATION TO CURRENT NUM CODE
50044	HYDROGRAPH LIMB, 1BASE, 2RISING, 3PEAK, 4FALLING, CODE
61390	DIATOMS,FIRST DOMINANT SPECIES OF UNITS - CODE
61391	DIATOMS,SECOND DOMINANT SPECIES OF UNITS - CODE
61392	DIATOMS,THIRD DOMINANT SPECIES OF UNITS - CODE
61393	DIATOMS,FOURTH DOMINANT SPECIES OF UNITS - CODE
70220	WAVE DIRECTION (WMO CODES 0885 + 0887)
70222	WAVE HEIGHT (WMO CODE 1555)
70223	WAVE PERIOD (WMO CODE 3155)
71090	BIVALVE SPECIES CODE
71500	EQUITABILITY INDEX,BENTHIC MACROINVER CODE
72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)
72001	DEPTH, TOTAL OF HOLE (FT BELOW LAND SURFACE DATUM)
72002	DEPTH TO TOP OF WATER-BEARING ZONE SAMPLED (FT)
72003	DEPTH TO BOTTOM OF WATER-BEARING ZONE SAMPLED (FT)
72004	PUMP OR FLOW PERIOD PRIOR TO SAMPLING MINUTES
72005	SAMPLE SOURCE CODE (BM WELL DATA)
72006	SAMPLING CONDITION CODE (BM WELL DATA)
72007	FORMATION NAME CODE (BM WELL DATA)
72017	SERIES CODE (BM WELL DATA)
72018	SYSTEM CODE (BM WELL DATA)
72111	DIRECT READOUT GROUND STATN TRANSMIT ERROR CODE NUM
74054	FECAL STREPTOCOCCI, GENERAL (PERMIT)

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
74055	FECAL COLIFORM, GENERAL (PERMIT)
80889	ACTIVATED SLUDGE PROCESS MODIFICATION CODE
81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)
81637	SHELLFISH SPECIES NUMERIC CODE
82289	LAGOON OBSERVATION, VISUAL, Y=YES N=NO CODE
82398	SAMPLING METHOD (CODES)
82524	STORAGE COEFFICIENT NUMERICAL CODE
82923	ATMOSPHERIC DEPOSITION TYPE, WET CODE
83205	ATMOSPHERIC DEPOSITION TYPE, BULK CODE
84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)
84001	AQUIFER NAME CODE (SEE USGS CATALOG)
84004	LAKE TYPE ILLINOIS CLASSIFICATION SYSTEM
84007	ANATOMY ALPHA CODE
84008	LIFE STYLE/HABITAT OF THE INDIVIDUALS IN THE SAMPLE
84009	SHELLFISH SPECIES ALPHANUMERIC CODE
84014	SPECIES SEX CODE
84030	CLOUD AMOUNT ALPHA WEATHER CODES
84031	PHYSICAL WEATHER ALPHA WEATHER CODES
84032	STREAM CONDITION ALPHA WEATHER CODES
84066	OIL AND GREASE, VISUAL, ALPHA-NUMERIC CODE
84068	SERIES CODE ALPHA-NUMERIC CODE
84069	FORMATION CODE ALPHA-NUMERIC CODE
84070	METHOD OF TESTING WELL YIELD ALPHA-NUMERIC CODE
84071	WATER LEVEL MEASUREMENT CONDITIONS ALPHA-NUM CODE
84072	WATER LEVEL MEASUREMENT METHOD ALPHA-NUMERIC CODE
84078	GIARDIA LAMBLIA, 2HSO4 OR SUC GRAD, MICRO, CODE
84079	BACTERIA, CELLUOLYTIC, AEROBIC-ANAEROBIC, RT 5-7, CODE
84080	BACTERIA, HYDROCARBONOCLASTIC, SHAKE INC 32C/WK, CODE
84081	YERSINIA ENTEROCOLITICA, SB BROTH, MAC AGAR,22C, CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84082	SALMONELLA/SHIGELLA, QUANT OR QUAL, HVF OR SWAB, CODE
84085	ORGANICS, VOLATILE, DETECTED, NUMERIC CODE, CODE
84086	MACROINVERTEBRATE SPECIES NUMERIC CODE
84087	MACROINVERTEBRATE HABITAT CODE
84088	BIOLOGY 1 MACROINVERTEBRATE CODE
84089	BIOLOGY 2 MACROINVERTEBRATE CODE
84094	PHYTOPLANKTON SPECIES CODE, NUMERIC
84095	PHYTOPLANKTON SPECIES CODE, ALPHA
84096	SEVERITY OF NON-PLANKTON ALGAE-MAT COVERAGE CODE
84097	LAGOON MOUTH CONDITION CODE
84098	COLOR OF NON-PLANKTONIC ALGAE CODE
84099	WATER - RELATIVE WATER LEVEL CODE
84100	SEX(1-MALE,2-FEMALE,3-MIXED,4-UNKNOWN) NUM CODE
84101	METAFORM, BENTHIC, ADULT(A), PUPAE(P), LARVAE(L) CODE
84105	OIL-SEPARATOR OBSERVATION ASSESS (0=DID NOT,1=DID)
84106	EVAPORAT/BED OBS ASSESS (0=DID NOT LOOK, 1=DID LOOK)
84107	AREA INSPECTION, VISUAL (0=DID NOT, 1=DID) CODE
84108	DRAIN FIELD INSPECTION ASSESS (0=DID NOT, 1=DID) CODE
84109	SLUDGE BUILD-UP IN WATER (0=DID NOT OBS, 1=OBS) CODE
84110	POND OBSERVATION ASSESS WATER (0=DID NOT, 1=DID) CODE
84111	LITHOLOGIC MODIFIER CODE
84113	WELL INTAKE FINISH CODE
84114	WELL CASING MATERIAL CODE
84115	TYPE OF MATERIAL FROM WHICH OPENING IS MADE CODE
84116	DRILLING FLUID CODE
84117	TYPE OF SURFACE SEAL CODE
84118	METHOD OF DEVELOPMENT CODE
84120	PACKING MATERIAL CODE
84124	METHOD OF EVACUTAION CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84125	METHOD OF WATER-LEVEL MEASUREMENT CODE
84130	OUTFALL OBSERVATION, VISUAL, Y=YES N=NO CODE
84131	SAMPLING METHOD, CONFIDENCE CODE (A,B,C,D) CODE
84132	STREAMBANK, VEGETATIVE STABILITY RATING CODE
84133	STREAMBANK, STABILITY (BANK EROSION) RATING CODE
84134	PARTICLES, DEGREE SURROUNDED BY FINE SEDIMENT, CODE
84135	STREAMSIDE, (SHORELINE) COVER RATING CODE
84136	CANOPY TYPE CODE
84137	CHANNEL STABILITY RATING CODE (E,G,F,P) CODE
84138	COLIFORM, TOTAL, WATER, WHOLE, MPN, PRES=1, ABSNT=2, CODE
84139	ENTEROBACTER AGGLOMERANS, WTR, MF, PRES=1, ABSNT=2, CODE
84140	KLEBSIELLA PNEUMONIAE, WTR, WH, MF, PRES=1, ABSNT=2, CODE
84143	WELL, PURGING CONDITION CODE
84144	WELL, SELECTION CRITERIA CODE
84145	PROJECT COMPONENT CODE
84146	LAND USE, PREDOMINANT, WITHIN 100 FT OF WELL, CODE
84147	LAND USE, PREDOMINANT, 1/4 MI.RADIUS OF WELL, CODE
84148	LAND USE, PREDMNT., FRAC., WITHIN 1/4 MI OF WELL, CODE
84149	LAND USE, CHANGE, LAST 10 YRS, WITHIN 1/4MI WELL, CODE
84150	HABITAT QUALITY INDEX RATING CODE
84151	AQUATIC LIFE, USE CLASSES CODE
84152	STREAM, STAGE CLASS CODE
84153	STREAMBANKS, GRAZING DAMAGE CODE
84154	CHANNEL, MAJOR ALTERATIONS CODE
84155	RIFFLE/RUNS, OCCURRENCE CODE
84156	POOL, DESCRIPTION CODE
84157	SANDBARS, LARGE, OCCURRENCE CODE
84158	LAND USE, NEAR STREAM, PREDOMINANT CODE
84159	STREAM,COVER (INSTREAM SHELTER FOR ADULT FISH), CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84160	STREAM, DEGRADATION RATING CODE
84161	STREAM, ORDER CODE
84162	LAND RESOURCE AREA CODE
84163	FLOW, STREAM, CLASSIFICATION CODE
84165	DISCHARGE EVENT OBSERVATION, YES=1 NO=0, CODE
84166	STORM HYDROGRAPH, DIRECTION, (RISE,FALL), CODE
84167	MICROSCOPIC EXAMINATION CODE
84168	AVIAN SPECIES ALPHA CODE (BIRDS)
84169	MAMMALIAN ALPHA SPECIES CODE
84170	ALPHA AGE TEXT CODE
84200	LATITUDE/LONGITUDE COORDINATES OF WELL, METHOD CODE
84201	NATIONAL REFERENCE DATUM, ALTITUDE(VERTICAL) CODE
84202	ALTITUDE METHOD CODE
85000	STREAM MILE, ACTUAL MILES
85014	HABITAT, 1970 ACRES THIS TYPE FOR THIS STATION
85015	HAB., ESTIMATED ACRES THIS TYPE THIS STATION
85016	HAB., ESTIMATED ACRES THIS TYPE THIS STA. BY 1990
85017	HAB., ESTIMATED ACRES THIS TYPE THIS STA. BY 2000
85018	TYPE CODES: 1=CLEAR CUT/2=SELECT CUT/3=RNGE DEVL P
85019	ACRES, NO. ALTERED FROM 1965-1970 (0-5 YEARS OLD)
85020	ACRES, NO. ALTERED 1960-1965 (5-10 YEARS OLD)
85021	ACRES, NO. ALTERED 1955-1960 (10-15 YEARS OLD)
85022	ACRES, NO. ALTERED 1950-1955 (15-20 YEARS OLD)
85023	ACRES, NO. ALTERED BEFORE 1950 (20+ YEARS OLD)
85024	ACRES,PREDICTED YRLY.AVE.TO BE ALTERED IN FUTURE
85025	LANDOWNERS, CODES FOR ALL IN STATE OF OREGON
85026	ACRES, CURRENT OWNED THIS LANDOWNER THIS STATION
85027	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 1980
85028	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 1990

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85029	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 2000
85030	LAND USES, CODES FOR ALL IN STATE OF OREGON
85031	ACRES, CURRENT DEDICATED TO THIS USE THIS STATION
85032	ACRES, ESTM. DEDICTD TO THIS USE THIS STA BY 1980
85033	ACRES, ESTM. DEDICTD TO THIS USE THIS STA BY 1990
85034	ACRES, ESTM. DEDICTD TO THIS USE BY YR.2000 --STA.
85035	HAB., INDICATED ANIMAL USES THIS TYPE IN WINTER
85036	HAB., INDICATED ANIMAL USES THIS TYPE IN SPRING
85037	HAB., INDICATED ANIMAL USES THIS TYPE IN SUMMER
85038	HAB., INDICATED ANIMAL USES THIS TYPE IN FALL
85039	HAB., INDICATED ANML USES THIS TYPE FOR WINTERING
85040	HAB., INDICATED ANML USES THIS TYPE FOR FEEDING
85041	HAB., INDICATED ANML USES TYPE FOR REARING YOUNG
85042	HAB., INDICATED BIRD USES THIS TYPE FOR NESTING
85043	HAB., INDICATED ANML USES THIS TYPE FOR SHELTER
85044	HAB., INDICATED ANML USES THIS TYPE FOR REST AREA
85045	ANML, SHOWS PRESENCE/ABSNC OF COMMENTS ON THIS ANML
85046	HAB.,ACRES OCCUPIED BY THIS ANML THIS UNIT & CO.
85050	ANIMALS ARE NOT PRESENT THIS STATION
85051	ANIMALS, ONLY A FEW ARE PRESENT THIS STATION
85052	ANIMALS COMMONLY SEEN; USE MODERATE THIS STATION
85053	ANIMALS FREQUENTLY SEEN; USE HEAVY THIS STATION
85070	OWNERSHIP (.1) AND ACCESS (.2) BY YEAR
85071	PRIVATE OWNERSHIP AND ACCESS MILEAGE
85072	FEDERAL OWNERSHIP AND ACCESS MILEAGE
85073	STATE OWNERSHIP AND ACCESS MILEAGE
85074	COUNTY OWNERSHIP AND ACCESS MILEAGE
85075	CITY OWNERSHIP AND ACCESS MILEAGE
85076	WATER YEAR DATA REFERS TO

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85077	CALENDAR YEAR DATA REFERS TO
85088	MONTHS POLLUTION IS A PROBLEM JAN THRU JUNE
85089	MONTHS POLLUTION IS A PROBLEM JULY TO DECEMBER
85090	MAN-CAUSED CHANNEL CHANGE IN MILES
85091	STREAM BANK HABITAT DESTROYED IN MILES
85092	STREAMBED SILTED IN MILES
85093	TURBIDITY PROBLEM IN MILES
85094	SEVERITY: 1=ELIMINATES 2=INTERFERES 3=NO PROBLEM
85095	DURATION OF TURBIDITY PROBLEM IN MONTHS
85096	SEASON OF NATURAL DRY CHANNEL 1=SP 2=SU 3=F 4=W
85097	NATURAL DRY CHANNEL IN MILES
85098	MAN-CAUSED DRY CHANNEL SEASON 1=SP 2=SU 3=F 4=W
85099	MAN-CAUSED DRY CHANNEL IN MILES
85100	YEAR BARRIER IS PRESENT
85101	NUMBER OF NATURAL BARRIERS
85102	MILES BLOCKED BY NATURAL BARRIERS
85103	NUMBER OF NATURAL BARRIERS TO BE REMOVED
85104	NUMBER OF DAMS AND MAN CAUSED OBSTRUCTIONS
85105	MILES BLOCKED BY DAMS OR MAN CAUSED OBSTRUCTIONS
85106	NUMBER OF DAMS TO BE ALTERED
85107	MILES OF STREAM OCCUPIED BY IMPOUNDMENT
85108	LOWER END OF SECTION COVERED BY THIS FORM
85109	UPPER END OF SECTION COVERED BY THIS FORM
85110	LOWER LIMIT THIS SPECIES THIS FORM BY RIVER MILE
85111	UPPER LIMIT THIS SPECIES THIS FORM BY RIVER MILE
85112	STREAM SURVEY:1=COMPLETE 2=INCOMPLETE 3=NONE
85113	ABUNDANCE: 1=FSHWY/TAG&R 2=SURVEY 3=EST PLUS 4=EST
85114	ABUNDANCE: N=S&ST 1=ABUNDANT 4=SCARCE RGH FSH 3=SCARCE
85116	SQUARE YARDS OF SPAWNING AREA IN 1970

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85117	SQUARE YARDS OF SPAWNING AREA IN 1980
85118	SQUARE YARDS OF SPAWNING AREA IN 1990
85119	SQUARE YARDS OF SPAWNING AREA IN 2000
85120	MILES OF REARING AREA IN 1970
85121	MILES OF REARING AREA IN 1980
85122	MILES OF REARING AREA IN 1990
85123	MILES OF REARING AREA IN 2000
85124	CATCH BY SPORT ANGLING IN 1970
85125	RECREATION DAYS SPENT ANGLING IN 1970
85126	RECREATION DAYS SPENT ANGLING IN 1980
85127	RECREATION DAYS SPENT ANGLING IN 1990
85128	RECREATION DAYS SPENT ANGLING IN 2000
85129	CONTRIBUTION TO COMMERCIAL CATCH IN 1970
85130	PERCENT OF TOTAL FISHING DONE FROM BOAT IN 1970
85131	PERCENT OF TOTAL FISHING DONE FROM BANK IN 1970
85132	PERCENT OF TOTAL FISHING DONE WITH LURE IN 1970
85133	PERCENT OF TOTAL FISHING DONE WITH BAIT IN 1970
85134	PERCENT OF TOTAL FISHING DONE WITH A FLY IN 1970
85146	YEAR THIS FACTOR HAS A LIMITING EFFECT
85157	MAN DAYS OF WATER SKIING
85158	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85159	MAN DAYS OF BOATING OTHER THAN ANGLING
85160	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85161	MAN DAYS OF SWIMMING
85162	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85163	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NOT PRESENT
85165	NUMBER OF MONTHS SUSPENDED SOLIDS ARE A PROBLEM
85167	NUMBER OF MONTHS PLANKTON IS A PROBLEM
85168	1=ELIMINATE PROD 2=REDUCE 3=NO INTER. 4=NOT PRES

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85169	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85170	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85171	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85172	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85173	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85174	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85175	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85176	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85177	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85178	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85179	YEAR THIS NUMBER OF FACILITIES PRESENT
85180	NUMBER OF BOAT RAMPS
85181	NUMBER OF MOORAGES
85182	NUMBER OF PICNIC AREAS
85183	NUMBER OF CAMP AREAS
85184	NUMBER OF RESORTS
85185	YEAR THIS ZONED AREA PRESENT
85186	ACRES SET ASIDE FOR OTHER BOATING
85187	ACRES SET ASIDE FOR WATER SKIING
85188	MILES OF SHORE LOST TO ACCESS BY HOME SITES
85189	TOTAL MILES OF SHORELINE
85193	WILL RECR BE INC BY RELEASE OF FINGERL 0=NO 1=YES
85195	CATCH AND RECREATION ESTIMATE 1=BEST 4=POOREST
85333	PRECIPITATION-SAMPLE COLLECTION TIME-CODE- NES
85538	GAMMA SCAN DATE (YR,MO,DAY)
85539	DATE OF REPORT (YR,MO,DAY)
85658	TIME NIGHT CO2 HR
85661	TIME, INTERVAL DAY CO2 HR

Appendix F

National EPA Water Quality Criteria Summary¹

The following table presents the national water quality criteria that were used to assess water quality data on a station-by-station basis and within the entire study area. Criteria are, for the most part, maximum values (except for dissolved oxygen, pH, and as noted). Criteria exist in any of four categories: Fresh Acute, Drinking Water, Marine Acute, and Other. Acute criteria are the highest 1-hour average concentrations which should not result in unacceptable impacts to aquatic organisms in either fresh or marine waters, respectively. The Drinking Water criteria are intended for human consumption; while the Other criteria represents National Park Service or other concerns. Parameters are listed in ascending order by STORET code. It is important to note that similar parameters often have non-consecutive codes. Consequently, scanning the entire list is necessary to obtain the criteria for all parameters of a particular type (eg. lead, copper, etc.). Refer to the Parameter Period of Record Tabulation to obtain the STORET code for any parameter measured in the park.

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
	00070				50 ^l	TURBIDITY, JACKSON CANDLE UNITS	JTU	Physical
	00076				50 ^l	TURBIDITY, HACH TURBIDIMETER, FORMAZIN TUR. UNITS	FTU	Physical
14808798	00154		250 ^s			SULFATE (AS S) WHOLE WATER	MG/L	General Inorganic
7782447	00299				4.0 ^u	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	Dissolved Oxygen
7782447	00300				4.0 ^u	OXYGEN, DISSOLVED	MG/L	Dissolved Oxygen
	00400				≤6.5, ≥9.0 [#]	PH	SU	Physical
	00403				≤6.5, ≥9.0 [#]	PH, LAB	SU	Physical
	00406				≤6.5, ≥9.0 [#]	PH, FIELD	SU	Physical

¹Sources: (1) U.S. Environmental Protection Agency, Quality Criteria for Water 1995, Final Draft; (2) U.S. Environmental Protection Agency, 40 CFR 141 - National Primary Drinking Water Regulations, and 40 CFR 143 - National Secondary Drinking Water Regulations, July 1, 1994; and (3) Others as Noted in Footnotes.

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
471341	00409				<200"	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS	UEQ/L	General Inorganic
17778880	00613		1			NITRITE NITROGEN, DISSOLVED AS N	MG/L	Nitrogen
17778880	00615		1			NITRITE NITROGEN, TOTAL AS N	MG/L	Nitrogen
17778880	00618		10			NITRATE NITROGEN, DISSOLVED AS N	MG/L	Nitrogen
17778880	00620		10			NITRATE NITROGEN, TOTAL AS N	MG/L	Nitrogen
17778880	00628		10			NITRITE + NITRATE, SUSPENDED AS N	MG/L	Nitrogen
17778880	00630		10			NITRITE PLUS NITRATE, TOTAL 1 DET.	MG/L	Nitrogen
17778880	00631		10			NITRITE PLUS NITRATE, DISSOLVED 1 DET.	MG/L	Nitrogen
57125	00718	22	200	1.0		CYANIDE, WEAK ACID, DISSOCIABLE, WATER, WHOLE	UG/L	General Inorganic
57125	00719	22	200	1.0		CYANIDE, FREE,IN WATER&WASTEWATERS, HBG METHOD	UG/L	General Inorganic
57125	00720	0.022	0.2	0.001		CYANIDE, TOTAL	MG/L	General Inorganic
57125	00722	0.022	0.2	0.001		CYANIDE, FREE (AMENABLE TO CHLORINATION)	MG/L	General Inorganic
57125	00723	22	200	1.0		CYANIDE, DISSOLVED STD METHOD	UG/L	General Inorganic
57125	00724	22	200	1.0		CYANIDE COMPLEXED TO A RANGE OF COMPNDS, WATER	UG/L	General Inorganic
16887006	00940	860	250 ⁸			CHLORIDE,TOTAL IN WATER	MG/L	General Inorganic
16887006	00941	860	250 ⁸			CHLORIDE, DISSOLVED IN WATER	MG/L	General Inorganic
14808798	00945		250 ⁸			SULFATE, TOTAL (AS SO4)	MG/L	General Inorganic
14808798	00946		250 ⁸			SULFATE, DISSOLVED (AS SO4)	MG/L	General Inorganic
1332214	00948		7000000			ASBESTOS, WHOLE SAMPLE	CNT/L	General Inorganic
16984488	00950		4.0			FLUORIDE, DISSOLVED AS F	MG/L	General Inorganic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
16984488	00951		4.0			FLUORIDE, TOTAL AS F	MG/L	General Inorganic
7782414	00953		4000			FLUORINE, TOTAL	UG/L	General Inorganic
7440382	00978	360	50	69		ARSENIC, TOTAL RECOVERABLE IN WATER AS AS	UG/L	Metal
7782492	00981	20	50	300		SELENIUM, TOTAL RECOVERABLE IN WATER AS SE	UG/L	Metal
7440280	00982	1400*	2.0	2130*		THALLIUM, TOTAL RECOVERABLE IN WATER AS TL	UG/L	Metal
7782492	00990	20	50	300		SELENITE, TOTAL RECOVERABLE INORGANIC	UG/L	Metal
7440382	00991	360	50	69		ARSENIC, TOTAL RECOVERABLE TRIVALENT INORGANIC	UG/L	Metal
7440382	00995	360	50	69		ARSENIC, INORGANIC DISS	UG/L	Metal
7440382	00996	360	50	69		ARSENIC, INORGANIC SUSP	UG/L	Metal
7440382	00997	360	50	69		ARSENIC, INORGANIC TOT	UG/L	Metal
7440417	00998	130*	4.0			BERYLLIUM, TOTAL RECOVERABLE IN WATER AS BE	UG/L	Metal
7440382	01000	360	50	69		ARSENIC, DISSOLVED	UG/L	Metal
7440382	01001	360	50	69		ARSENIC, SUSPENDEED	UG/L	Metal
7440382	01002	360	50	69		ARSENIC, TOTAL	UG/L	Metal
7440393	01005		2000			BARIUM, DISSOLVED	UG/L	Metal
7440393	01006		2000			BARIUM, SUSPENDEED	UG/L	Metal
7440393	01007		2000			BARIUM, TOTAL	UG/L	Metal
7440393	01009		2000			BARIUM, TOTAL RECOVERABLE IN WATER AS BA	UG/L	Metal
7440417	01010	130*	4.0			BERYLLIUM, DISSOLVED	UG/L	Metal
7440417	01011	130*	4.0			BERYLLIUM, SUSPENDEED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440417	01012	130 ⁺	4.0			BERYLLIUM, TOTAL	UG/L	Metal
7440439	01025	3.9 ⁺	5.0	43		CADMIUM, DISSOLVED	UG/L	Metal
7440439	01026	3.9 ⁺	5.0	43		CADMIUM, SUSPENDED	UG/L	Metal
7440439	01027	3.9 ⁺	5.0	43		CADMIUM, TOTAL	UG/L	Metal
7440473	01030		100			CHROMIUM, DISSOLVED	UG/L	Metal
7440473	01031		100			CHROMIUM, SUSPENDED	UG/L	Metal
7440473	01032	16	100	1100		CHROMIUM, HEXAVALENT	UG/L	Metal
16065831	01033	1700 ⁺	100	10300 ⁺		CHROMIUM, TRI-VAL	UG/L	Metal
7440473	01034		100			CHROMIUM, TOTAL	UG/L	Metal
7440508	01040	18 ⁺	1300 ^a	2.9		COPPER, DISSOLVED	UG/L	Metal
7440508	01041	18 ⁺	1300 ^a	2.9		COPPER, SUSPENDED	UG/L	Metal
7440508	01042	18 ⁺	1300 ^a	2.9		COPPER, TOTAL	UG/L	Metal
7439921	01049	82 ⁺	15 ^a	220		LEAD, DISSOLVED	UG/L	Metal
7439921	01050	82 ⁺	15 ^a	220		LEAD, SUSPENDED	UG/L	Metal
7439921	01051	82 ⁺	15 ^a	220		LEAD, TOTAL	UG/L	Metal
7440280	01057	1400 ⁺	2.0	2130 ⁺		THALLIUM, DISSOLVED	UG/L	Metal
7440280	01058	1400 ⁺	2.0	2130 ⁺		THALLIUM, SUSPENDED	UG/L	Metal
7440280	01059	1400 ⁺	2.0	2130 ⁺		THALLIUM, TOTAL	UG/L	Metal
7440020	01065	1400 ⁺	100	75		NICKEL, DISSOLVED	UG/L	Metal
7440020	01066	1400 ⁺	100	75		NICKEL, SUSPENDED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440020	01067	1400 ⁺	100	75		NICKEL, TOTAL	UG/L	Metal
7440020	01074	1400 ⁺	100	75		NICKEL, TOTAL RECOVERABLE IN WATER AS NI	UG/L	Metal
7440224	01075	4.1 ⁺	100 ^s	0.12		SILVER, DISSOLVED	UG/L	Metal
7440224	01076	4.1 ⁺	100 ^s	0.12		SILVER, SUSPENDED	UG/L	Metal
7440224	01077	4.1 ⁺	100 ^s	0.12		SILVER, TOTAL	UG/L	Metal
7440224	01079	4.1 ⁺	100 ^s	0.12		SILVER, TOTAL RECOVERABLE IN WATER AS AG	UG/L	Metal
7440508	01089	0.018 ⁺	1.3 ^a	0.0029		COPPER AS SUSPENDED BLACK OXIDE IN WATER	MG/L	General Inorganic
7440666	01090	120 ⁺	5000 ^s	95		ZINC, DISSOLVED	UG/L	Metal
7440666	01091	120 ⁺	5000 ^s	95		ZINC, SUSPENDED	UG/L	Metal
7440666	01092	120 ⁺	5000 ^s	95		ZINC, TOTAL	UG/L	Metal
7440666	01094	120 ⁺	5000 ^s	95		ZINC, TOTAL RECOVERABLE IN WATER AS ZN	UG/L	Metal
7440360	01095	88 ^p	6.0	1500 ^p		ANTIMONY, DISSOLVED	UG/L	Metal
7440360	01096	88 ^p	6.0	1500 ^p		ANTIMONY, SUSPENDED	UG/L	Metal
7440360	01097	88 ^p	6.0	1500 ^p		ANTIMONY, TOTAL	UG/L	Metal
7440439	01113	3.9 ⁺	5.0	43		CADMIUM, TOTAL RECOVERABLE IN WATER AS CD	UG/L	Metal
7439921	01114	82 ⁺	15 ^a	220		LEAD, TOTAL RECOVERABLE IN WATER AS PB	UG/L	Metal
7440473	01118		100			CHROMIUM TOTAL RECOVERABLE IN WATER AS CR	UG/L	Metal
7440508	01119	18 ⁺	1300 ^a	2.9		COPPER, TOTAL RECOVERABLE IN WATER AS CU	UG/L	Metal
7440280	01124	1400 [*]	2.0	2130 [*]		THALLIUM, ACID SOLUBLE, WATER, WHOLE	UG/L	Metal
7440280	01128	1400 [*]	2.0	2130 [*]		THALLIUM, TOTAL RECOVERABLE <95%	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782492	01145	20	50	300		SELENIUM, DISSOLVED	UG/L	Metal
7782492	01146	20	50	300		SELENIUM, SUSPENDED	UG/L	Metal
7782492	01147	20	50	300		SELENIUM, TOTAL	UG/L	Metal
7782492	01167	20	50	300		SELENIUM, ACID SOLUBLE, WATER, WHOLE	UG/L	Metal
18540299	01220	16	100	1100		CHROMIUM, HEXAVALENT, DISSOLVED	UG/L	Metal
7440360	01268	88 ^p	6.0	1500 ^p		ANTIMONY (SB), WATER, TOTAL RECOVERABLE	UG/L	Metal
57125	01291	22	200	1.0		CYANIDE, FILTERABLE, TOTAL IN WATER	UG/L	General Inorganic
7440666	01303	0.120 ⁺	5.0 ^s	0.095		ZINC, POTENTIALLY DISSOLVED WATER	MG/L	Metal
7440224	01304	0.0041 ⁺	0.1 ^s	0.00012		SILVER, POTENTIALLY DISSOLVED WATER	MG/L	Metal
7440508	01306	0.018 ⁺	1.3 ^a	0.0029		COPPER, POTENTIALLY DISSOLVED WATER	MG/L	Metal
18540299	01307	0.016	0.1	1.1		CHROMIUM, HEXAVALENT, POTENTIALLY DISSOLVED	MG/L	Metal
7440382	01309	0.36	0.05	0.069		ARSENIC, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440393	01311		2.0			BARIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440417	01312	0.13 [*]	0.004			BERYLLIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440439	01313	0.0039 ⁺	0.005	0.043		CADMIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
16065831	01314	1.7 ⁺	0.1	10.3 [*]		CHROMIUM, TRIVALENT, POTENTIALLY DISSOLVED	MG/L	Metal
7439921	01318	0.082 ⁺	0.015 ^a	0.220		LEAD, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7439976	01321	0.0024	0.002	0.0021		MERCURY, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440020	01322	1.4 ⁺	0.1	0.075		NICKEL, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7782492	01323	0.020	0.050	0.300		SELENIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440280	01324	1.4 [*]	0.002	2.13 [*]		THALLIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440611	01326		0.020 ^c			URANIUM, POTENTIALLY DISSOLVED, WATER	MG/L	Metal
7440224	01523	4.1 ⁺	100 ^s	0.12		SILVER, IONIC	UG/L	Metal
50328	03648		0.2			BENZO (A) PYRENE, LIQUID FRACTION, ELUTRIATE	UG/L	General Organic
122349	04035		4.0			SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE	UG/L	Pesticide
10028178	04124		20 ^r			TRITIUM, TOTAL, WATER	PC/ML	Radiological
10028178	07000		20000 ^r			TRITIUM, TOTAL	PC/L	Radiological
10028178	07005		20000 ^r			TRITIUM, DISSOLVED	PC/L	Radiological
10028178	07010		20000 ^r			TRITIUM, SUSPENDED	PC/L	Radiological
	09501		5.0			RADIUM 226, TOTAL	PC/L	Radiological
	09503		5.0			RADIUM 226, DISSOLVED	PC/L	Radiological
	09505		5.0			RADIUM 226, SUSPENDED	PC/L	Radiological
	11500		5.0			RADIUM 226 + RADIUM 228, DISSOLVED	PC/L	Radiological
	11501		5.0			RADIUM 228, TOTAL	PC/L	Radiological
	11503		5.0			RADIUM 226 + RADIUM 228, TOTAL	PC/L	Radiological
10098972	13501		8.0 ^r			STRONTIUM 90, TOTAL	PC/L	Radiological
10098972	13503		8.0 ^r			STRONTIUM 90, DISSOLVED	PC/L	Radiological
10098972	13505		8.0 ^r			STRONTIUM 90, SUSPENDED	PC/L	Radiological
7782492	22675	20	50	300		SELENIUM, DISSOLVED ORGANIC	UG/L	Metal
7782492	22676	20	50	300		SELENIUM, HEXAVALENT, DISSOLVED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782492	22677	20	50	300		SELENIUM, TETRAVALENT, DISSOLVED	UG/L	Metal
7440382	22678	360	50	69		ARSENIC, DISSOLVED ORGANIC	UG/L	Metal
7440382	22679	850*	50	2319*		ARSENIC, PENTAVALENT, DISSOLVED	UG/L	Metal
7440382	22680	360	50	69		ARSENIC, TRIVALENT, DISSOLVED	UG/L	Metal
7440611	22703		20°			URANIUM, NATURAL DISSOLVED	UG/L	Metal
7440611	22705		20°			URANIUM, NATURAL SUSPENDED	UG/L	Metal
7440611	22706		20°			URANIUM, TOTAL AS U308	UG/L	Metal
7440611	22708		0.020°			URANIUM, NATURAL, TOTAL	MG/L	Radiological
7440611	28011		20°			URANIUM, NATURAL, TOTAL	UG/L	Radiological
88857	30191		7.0			DINOSEB, WATER, WHOLE RECOVERABLE	UG/L	Pesticide
75990	30200		200			DALAPON, WATER, WHOLE RECOVERABLE	UG/L	Pesticide
106934	30203		0.05			ETHANE, 1,2-DIBROMO-, WATER, WHOLE, RECOVERABLE	UG/L	Pesticide
	31501		1.0 ⁿ		1000 ^b	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	CFU/100ML	Bacteriological
	31503		1.0 ⁿ		1000 ^b	COLIFORM, TOTAL, MEMBRANE FILTER, DELAY. M-ENDO	CFU/100ML	Bacteriological
	31504		1.0 ⁿ		1000 ^b	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED. LES-ENDO	CFU/100ML	Bacteriological
	31505		1.0 ⁿ		1000 ^b	COLIFORM, TOTAL, MPN, CONF. TEST 35C (TUBE 31506)	MPN/100ML	Bacteriological
	31506		1.0 ⁿ		1000 ^b	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE CONFIG	MPN/100ML	Bacteriological
	31507		1.0 ⁿ		1000 ^b	COLIFORM, TOTAL, MPN, COMP. TEST 35C (TUBE 31508)	MPN/100ML	Bacteriological
	31508		1.0 ⁿ		1000 ^b	COLIFORM, TOTAL, MPN, COMP. TEST, TUBE CONFIG	MPN/100ML	Bacteriological
	31613				200 [^]	FECAL COLIFORM, MEMBRANE FILTER, AGAR	CFU/100ML	Bacteriological

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
	31614				200 [^]	FECAL COLIFORM, MPN, TUBE CONFIGURATION	MPN/100ML	Bacteriological
	31615				200 [^]	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	MPN/100ML	Bacteriological
	31616				200 [^]	FECAL COLIFORM, MEMBRANE FILTER, BROTH, 44.5C	CFU/100ML	Bacteriological
	31617				200 [^]	FECAL COLIFORM, MPN, EUKMAN, 44.5C (TUBE 31618)	MPN/100ML	Bacteriological
	31625				200 [^]	FECAL COLIFORM, MF, M-FC, 0.7 UM	CFU/100ML	Bacteriological
	31648				126 [^]	E. COLI, MTEC, MF	CFU/100ML	Bacteriological
	31649				33 [^]	ENTEROCOCCI, ME, MF	CFU/100ML	Bacteriological
67663	32003	28900*	100 ⁱ			CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	UG/L	General Organic
67663	32005	28900*	100 ⁱ			CARBON CHLOROFORM EXTRACTABLES	UG/L	General Organic
67663	32021	28900*	100 ⁱ			CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	UG/L	General Organic
67663	32022	28900*	100 ⁱ			CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	UG/L	General Organic
75274	32101		100 ⁱ			BROMODICHLOROMETHANE, WHOLE WATER	UG/L	General Organic
56235	32102	35200*	5.0	50000*		CARBON TETRACHLORIDE, WHOLE WATER	UG/L	General Organic
107062	32103	118000*	5.0	113000*		1,2-DICHLOROETHANE,WHOLE WATER	UG/L	General Organic
75252	32104		100 ⁱ			BROMOFORM, WHOLE WATER	UG/L	General Organic
124481	32105		100 ⁱ			DIBROMOCHLOROMETHANE, WHOLE WATER	UG/L	General Organic
67663	32106	28900*	100 ⁱ			CHLOROFORM, WHOLE WATER	UG/L	General Organic
56235	32260	35.2*	0.005	50*		CARBON TETRACHLORIDE EXTRACTABLES	MG/L	General Organic
67663	32270	28.9*	0.1 ⁱ			CHLOROFORM EXTRACTABLES TOTAL	MG/L	General Organic
108883	34010	17500*	1000	6300*		TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
1330207	34020		10000			XYLENES IN WTR SMPLE GC-MS, HEXADECONE EXTR.	UG/L	General Organic
83329	34205	1700*		970*		ACENAPHTHENE, TOTAL	UG/L	General Organic
83329	34206	1700*		970*		ACENAPHTHENE, DISSOLVED	UG/L	General Organic
83329	34207	1700*		970*		ACENAPHTHENE, SUSPENDED	UG/L	General Organic
107028	34210	68*		55*		ACROLEIN, TOTAL	UG/L	Pesticide
107028	34211	68*		55*		ACROLEIN, DISSOLVED	UG/L	Pesticide
107028	34212	68*		55*		ACROLEIN, SUSPENDED	UG/L	Pesticide
107131	34215	7550*				ACRYLONITRILE, TOTAL	UG/L	General Organic
107131	34216	7550*				ACRYLONITRILE, DISSOLVED	UG/L	General Organic
107131	34217	7550*				ACRYLONITRILE, SUSPENDED	UG/L	General Organic
71432	34235	5300*	5.0	5100*		BENZENE, DISSOLVED	UG/L	General Organic
71432	34236	5300*	5.0	5100*		BENZENE, SUSPENDED	UG/L	General Organic
92875	34239	2500*				BENZIDINE, DISSOLVED	UG/L	General Organic
92875	34240	2500*				BENZIDINE, SUSPENDED	UG/L	General Organic
58899	34265	2.0	0.2	0.16		R-BHC (LINDANE) GAMMA, DISSOLVED	UG/L	Pesticide
58899	34266	2.0	0.2	0.16		R-BHC (LINDANE) GAMMA, SUSPENDED	UG/L	Pesticide
75252	34288		100 ⁱ			BROMOFORM, DISSOLVED	UG/L	General Organic
75252	34289		100 ⁱ			BROMOFORM, SUSPENDED	UG/L	General Organic
56235	34297	35200*	5.0	50000*		CARBON TETRACHLORIDE, DISSOLVED	UG/L	General Organic
56235	34298	35200*	5.0	50000*		CARBON TETRACHLORIDE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
108907	34301		100			CHLOROBENZENE, TOTAL	UG/L	General Organic
108907	34302		100			CHLOROBENZENE, DISSOLVED	UG/L	General Organic
108907	34303		100			CHLOROBENZENE, SUSPENDED	UG/L	General Organic
124481	34306		100 ⁱ			CHLORODIBROMOMETHANE, TOTAL	UG/L	General Organic
124481	34307		100 ⁱ			CHLORODIBROMOMETHANE, DISSOLVED	UG/L	General Organic
124481	34308		100 ⁱ			CHLORODIBROMOMETHANE, SUSPENDED	UG/L	General Organic
67663	34316	28900*	100 ⁱ			CHLOROFORM, DISSOLVED	UG/L	General Organic
67663	34317	28900*	100 ⁱ			CHLOROFORM, SUSPENDED	UG/L	General Organic
57125	34325	0.022	0.2	0.001		CYANIDE, SUSPENDED	MG/L	General Inorganic
75274	34328		100 ⁱ			DICHLOROBROMOMETHANE, DISSOLVED	UG/L	General Organic
75274	34329		100 ⁱ			DICHLOROBROMOMETHANE, SUSPENDED	UG/L	General Organic
122667	34346	270*				1,2-DIPHENYLHYDRAZINE, TOTAL	UG/L	General Organic
122667	34347	270*				1,2-DIPHENYLHYDRAZINE, DISSOLVED	UG/L	General Organic
122667	34348	270*				1,2-DIPHENYLHYDRAZINE, SUSPENDED	UG/L	General Organic
33213659	34356	0.22		0.034		ENDOSULFAN, BETA, TOTAL	UG/L	Pesticide
33213659	34357	0.22		0.034		ENDOSULFAN, BETA, DISSOLVED	UG/L	Pesticide
33213659	34358	0.22		0.034		ENDOSULFAN, BETA, SUSPENDED	UG/L	Pesticide
959988	34361	0.22		0.034		ENDOSULFAN, ALPHA, TOTAL	UG/L	Pesticide
959988	34362	0.22		0.034		ENDOSULFAN, ALPHA, DISSOLVED	UG/L	Pesticide
959988	34363	0.22		0.034		ENDOSULFAN, ALPHA, SUSPENDED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
100414	34371	32000*	700	430*		ETHYLBENZENE, TOTAL	UG/L	General Organic
100414	34372	32000*	700	430*		ETHYLBENZENE, DISSOLVED	UG/L	General Organic
100414	34373	32000*	700	430*		ETHYLBENZENE, SUSPENDED	UG/L	General Organic
206440	34376	3980*		40*		FLUORANTHENE, TOTAL	UG/L	General Organic
206440	34377	3980*		40*		FLUORANTHENE, DISSOLVED	UG/L	General Organic
206440	34378	3980*		40*		FLUORANTHENE, SUSPENDED	UG/L	General Organic
77474	34386	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, TOTAL	UG/L	General Organic
77474	34387	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, DISSOLVED	UG/L	General Organic
77474	34388	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, SUSPENDED	UG/L	General Organic
87683	34391	90*		32*		HEXACHLOROBUTADIENE, TOTAL	UG/L	General Organic
87683	34392	90*		32*		HEXACHLOROBUTADIENE, DISSOLVED	UG/L	General Organic
87683	34393	90*		32*		HEXACHLOROBUTADIENE, SUSPENDED	UG/L	General Organic
67721	34396	980*		940*		HEXACHLOROETHANE, TOTAL	UG/L	General Organic
67721	34397	980*		940*		HEXACHLOROETHANE, DISSOLVED	UG/L	General Organic
67721	34398	980*		940*		HEXACHLOROETHANE, SUSPENDED	UG/L	General Organic
118741	34401	6.0 ^P	1.0			HEXACHLOROBENZENE, DISSOLVED	UG/L	General Organic
118741	34402	6.0 ^P	1.0			HEXACHLOROBENZENE, SUSPENDED	UG/L	General Organic
193395	34403		0.40 ^c			INDENO (1,2,3-CD) PYRENE, TOTAL	UG/L	General Organic
193395	34404		0.40 ^c			INDENO (1,2,3-CD) PYRENE, DISSOLVED	UG/L	General Organic
193395	34405		0.40 ^c			INDENO (1,2,3-CD) PYRENE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
78591	34408	117000*		12900*		ISOPHORONE, TOTAL	UG/L	Pesticide
78591	34409	117000*		12900*		ISOPHORONE, DISSOLVED	UG/L	Pesticide
78591	34410	117000*		12900*		ISOPHORONE, SUSPENDED	UG/L	Pesticide
75092	34423		5.0			METHYLENE CHLORIDE, TOTAL	UG/L	General Organic
75092	34424		5.0			METHYLENE CHLORIDE, DISSOLVED	UG/L	General Organic
75092	34425		5.0			METHYLENE CHLORIDE, SUSPENDED	UG/L	General Organic
91203	34443	2300*		2350*		NAPHTHALENE, DISSOLVED	UG/L	General Organic
91203	34444	2300*		2350*		NAPHTHALENE, SUSPENDED	UG/L	General Organic
98953	34447	27000*		6680*		NITROBENZENE, TOTAL	UG/L	General Organic
98953	34448	27000*		6680*		NITROBENZENE, DISSOLVED	UG/L	General Organic
98953	34449	27000*		6680*		NITROBENZENE, SUSPENDED	UG/L	General Organic
59507	34452	30*				PARACHLOROMETA CRESOL, TOTAL	UG/L	General Organic
59507	34453	30*				PARACHLOROMETA CRESOL, DISSOLVED	UG/L	General Organic
59507	34454	30*				PARACHLOROMETA CRESOL, SUSPENDED	UG/L	General Organic
87865	34459	20***	1.0	13		PCP (PENTACHLOROPHENOL), DISSOLVED	UG/L	Pesticide
87865	34460	20***	1.0	13		PCP (PENTACHLOROPHENOL), SUSPENDED	UG/L	Pesticide
85018	34461	30 ^P		7.7 ^P		PHENANTHRENE, TOTAL	UG/L	General Organic
85018	34462	30 ^P		7.7 ^P		PHENANTHRENE, DISSOLVED	UG/L	General Organic
85018	34463	30 ^P		7.7 ^P		PHENANTHRENE, SUSPENDED	UG/L	General Organic
108952	34466	10200*		5800*		PHENOL, DISSOLVED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
108952	34467	10200*		5800*		PHENOL, SUSPENDED	UG/L	General Organic
127184	34475	5280*	5.0	10200*		TETRACHLOROETHYLENE, TOTAL	UG/L	General Organic
127184	34476	5280*	5.0	10200*		TETRACHLOROETHYLENE, DISSOLVED	UG/L	General Organic
127184	34477	5280*	5.0	10200*		TETRACHLOROETHYLENE, SUSPENDED	UG/L	General Organic
108883	34481	17500*	1000	6300*		TOLUENE, DISSOLVED	UG/L	General Organic
108883	34482	17500*	1000	6300*		TOLUENE, SUSPENDED	UG/L	General Organic
79016	34485	45000*	5.0	2000*		TRICHLOROETHYLENE, DISSOLVED	UG/L	General Organic
79016	34486	45000*	5.0	2000*		TRICHLOROETHYLENE, SUSPENDED	UG/L	General Organic
75014	34493		2.0			VINYL CHLORIDE, DISSOLVED	UG/L	General Organic
75014	34494		2.0			VINYL CHLORIDE, SUSPENDED	UG/L	General Organic
75354	34501		7.0			1,1-DICHLOROETHYLENE, TOTAL	UG/L	General Organic
75354	34502		7.0			1,1-DICHLOROETHYLENE, DISSOLVED	UG/L	General Organic
75354	34503		7.0			1,1-DICHLOROETHYLENE, SUSPENDED	UG/L	General Organic
71556	34506		200	31200*		1,1,1-TRICHLOROETHANE, TOTAL	UG/L	General Organic
71556	34507		200	31200*		1,1,1-TRICHLOROETHANE, DISSOLVED	UG/L	General Organic
71556	34508		200	31200*		1,1,1-TRICHLOROETHANE, SUSPENDED	UG/L	General Organic
79005	34511		5.0			1,1,2-TRICHLOROETHANE, TOTAL	UG/L	General Organic
79005	34512		5.0			1,1,2-TRICHLOROETHANE, DISSOLVED	UG/L	General Organic
79005	34513		5.0			1,1,2-TRICHLOROETHANE, SUSPENDED	UG/L	General Organic
79345	34516			9020*		1,1,2,2-TETRACHLOROETHANE, TOTAL	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
79345	34517			9020*		1,1,2,2-TETRACHLOROETHANE, DISSOLVED	UG/L	General Organic
79345	34518			9020*		1,1,2,2-TETRACHLOROETHANE, SUSPENDED	UG/L	General Organic
107062	34531	118000*	5.0	113000*		1,2-DICHLOROETHANE, TOTAL	UG/L	General Organic
107062	34532	118000*	5.0	113000*		1,2-DICHLOROETHANE, DISSOLVED	UG/L	General Organic
107062	34533	118000*	5.0	113000*		1,2-DICHLOROETHANE, SUSPENDED	UG/L	General Organic
95501	34536		600			1,2-DICHLOROBENZENE, TOTAL	UG/L	General Organic
95501	34537		600			1,2-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
95501	34538		600			1,2-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic
78875	34541		5.0			1,2-DICHLOROPROPANE, TOTAL	UG/L	General Organic
78875	34542		5.0			1,2-DICHLOROPROPANE, DISSOLVED	UG/L	General Organic
78875	34543		5.0			1,2-DICHLOROPROPANE, SUSPENDED	UG/L	General Organic
156605	34546		100			TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER	UG/L	General Organic
156605	34547		100			TRANS-1,2-DICHLOROETHENE, DISSOLVED	UG/L	General Organic
156605	34548		100			TRANS-1,2-DICHLOROETHENE, SUSPENDED	UG/L	General Organic
120821	34551		70			1,2,4-TRICHLOROBENZENE, TOTAL	UG/L	General Organic
120821	34552		70			1,2,4-TRICHLOROBENZENE, DISSOLVED	UG/L	General Organic
120821	34553		70			1,2,4-TRICHLOROBENZENE, SUSPENDED	UG/L	General Organic
541731	34566		600			1,3-DICHLOROBENZENE, TOTAL	UG/L	General Organic
541731	34567		600			1,3-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
541731	34568		600			1,3-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
106467	34571		75			1,4-DICHLOROBENZENE, TOTAL	UG/L	General Organic
106467	34572		75			1,4-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
106467	34573		75			1,4-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic
95578	34586	4380*				2-CHLOROPHENOL, TOTAL	UG/L	General Organic
95578	34587	4380*				2-CHLOROPHENOL, DISSOLVED	UG/L	General Organic
95578	34588	4380*				2-CHLOROPHENOL, SUSPENDED	UG/L	General Organic
120832	34601	2020*				2,4-DICHLOROPHENOL, TOTAL	UG/L	General Organic
120832	34602	2020*				2,4-DICHLOROPHENOL, DISSOLVED	UG/L	General Organic
120832	34603	2020*				2,4-DICHLOROPHENOL, SUSPENDED	UG/L	General Organic
105679	34606	2120*				2,4-DIMETHYLPHENOL, TOTAL	UG/L	General Organic
105679	34607	2120*				2,4-DIMETHYLPHENOL, DISSOLVED	UG/L	General Organic
105679	34608	2120*				2,4-DIMETHYLPHENOL, SUSPENDED	UG/L	General Organic
121142	34611	330*		590*		2,4-DINITROTOLUENE, TOTAL	UG/L	General Organic
121142	34612	330*		590*		2,4-DINITROTOLUENE, DISSOLVED	UG/L	General Organic
121142	34613	330*		590*		2,4-DINITROTOLUENE, SUSPENDED	UG/L	General Organic
72548	34651	0.6*		3.6*		P,P'-DDD, DISSOLVED	UG/L	Pesticide
72548	34652	0.6*		3.6*		P,P'-DDD, SUSPENDED	UG/L	Pesticide
72559	34653	1050*		14*		P,P'-DDE, DISSOLVED	UG/L	Pesticide
72559	34654	1050*		14*		P,P'-DDE, SUSPENDED	UG/L	Pesticide
50293	34655	1.1		0.13		P,P'-DDT, DISSOLVED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
50293	34656	1.1		0.13		P,P'-DDT, SUSPENDED	UG/L	Pesticide
1746016	34675	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), TOT	UG/L	General Organic
1746016	34676	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), DISS	UG/L	General Organic
1746016	34677	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), SUSP	UG/L	General Organic
108952	34694	10200*		5800*		PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	UG/L	General Organic
91203	34696	2300*		2350*		NAPHTHALENE, TOTAL	UG/L	General Organic
75990	38432		200			DALAPON, WATER, TOTAL	UG/L	Pesticide
75990	38433		200			DALAPON, WATER, DISSOLVED	UG/L	Pesticide
75990	38434		200			DALAPON, WATER, SUSPENDED	UG/L	Pesticide
96128	38437		0.2			DIBROMOCHLOROPROPANE, WATER, TOTAL	UG/L	Pesticide
96128	38438		0.2			DIBROMOCHLOROPROPANE, WATER, DISSOLVED	UG/L	Pesticide
96128	38439		0.2			DIBROMOCHLOROPROPANE WATER, SUSPENDED	UG/L	Pesticide
96128	38760		0.2			DBCP, WATER, TOTAL	UG/L	Pesticide
96128	38761		0.2			DBCP, WATER, DISSOLVED	UG/L	Pesticide
96128	38762		0.2			DBCP, WATER, SUSPENDED	UG/L	Pesticide
88857	38779		7.0			DINOSEB, DISSOLVED	UG/L	Pesticide
88857	38780		7.0			DINOSEB, SUSPENDED	UG/L	Pesticide
23135220	38865		200			OXAMYL, TOTAL	UG/L	Pesticide
23135220	38866		200			OXAMYL, DISSOLVED	UG/L	Pesticide
23135220	38867		200			OXAMYL, SUSPENDED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
145733	38926		100			ENDOTHALL, WHOLE WATER SAMPLE	UG/L	Pesticide
2921882	38932	0.083		0.011		CHLORPYRIFOS, TOTAL RECOVERABLE	UG/L	Pesticide
2921882	38933	0.083		0.011		CHLORPYRIFOS, DISSOLVED	UG/L	Pesticide
2163806	38935		50			MONOSODIUM METHANEARSONATE (MSMA)	UG/L	Pesticide
2921882	39012	0.083		0.011		DURBAN, FLAME PHOTOMETRIC, WATER SAMPLE	UG/L	Pesticide
56382	39015	0.065				ETHYLPARATHION, FLAME IONIFATION, WATER SAMPLE	UG/L	Pesticide
122349	39025		4.0			SIMAZINE, COULSON CONDUCTIVITY WATER SAMPLE	UG/L	Pesticide
87865	39032	20***	1.0	13		PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE	UG/L	Pesticide
1912249	39033		3.0			ATRAZINE IN WHOLE WATER SAMPLE	UG/L	Pesticide
118741	39039	6.0 ^P	1.0			HEXACHLOROBENZENE WATER SAMPLE, ELECTRON CPT	UG/L	Pesticide
93721	39045		50			2,4,5-TP INCLUDES ACIDS & SALTS WATER SAMPLE	UG/L	Pesticide
116063	39053		3.0			ALDICARB IN WHOLE WATER	UG/L	Pesticide
122349	39055		4.0			SIMAZINE IN WHOLE WATER	UG/L	Pesticide
117817	39100	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	UG/L	General Organic
117817	39103	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, DISSOLVED	UG/L	General Organic
117817	39104	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, SUSPENDED	UG/L	General Organic
	39117	0.94*		2.994*		PHTHLATE ESTERS IN WATER	MG/L	General Organic
75014	39175		2.0			VINYL CHLORIDE-WHOLE WATER SAMPLE	UG/L	General Organic
79016	39180	45000*	5.0	2000*		TRICHLOROETHYLENE-WHOLE WATER SAMPLE	UG/L	General Organic
50293	39300	1.1		0.13		P,P' DDT IN WHOLE WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
72548	39310	0.6*		3.6*		P,P' DDD IN WHOLE WATER SAMPLE	UG/L	Pesticide
72559	39320	1050*		14*		P,P' DDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
309002	39330	3.0		1.3		ALDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
309002	39331	3.0		1.3		ALDRIN IN FILT. FRAC. OF WAT. SAMP.	UG/L	Pesticide
309002	39332	3.0		1.3		ALDRIN IN SUSP. FRAC. OF WAT. SAMP.	UG/L	Pesticide
58899	39340	2.0	0.2	0.16		GAMMA-BHC(LINDANE), WHOLE WATER	UG/L	Pesticide
58899	39341	2.0	0.2	0.16		GAMMA-BHC(LINDANE), DISSOLVED	UG/L	Pesticide
58899	39342	2.0	0.2	0.16		GAMMA-BHC(LINDANE), SUSPENDED	UG/L	Pesticide
57749	39350	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), WHOLE WATER	UG/L	Pesticide
57749	39352	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), DISSOLVED	UG/L	Pesticide
57749	39353	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), SUSPENDED	UG/L	Pesticide
72548	39360	0.6*		3.6*		DDD IN WHOLE WATER SAMPLE	UG/L	Pesticide
72548	39361	0.6*		3.6*		DDD IN FILT. FRAC. OF WATER SMAPLE	UG/L	Pesticide
72548	39362	0.6*		3.6*		DDD IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72559	39365	1050*		14*		DDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
72559	39366	1050*		14*		DDE IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72559	39367	1050*		14*		DDE IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
50293	39370	1.1		0.13		DDT IN WHOLE WATER SAMPLE	UG/L	Pesticide
50293	39371	1.1		0.13		DDT IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
50293	39372	1.1		0.13		DDT IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
60571	39380	2.5		0.71		DIELDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
60571	39381	2.5		0.71		DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
60571	39382	2.5		0.71		DIELDRIN IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
115297	39388	0.22		0.034		ENDOSULFAN IN WHOLE WATER SAMPLE	UG/L	Pesticide
72208	39390	0.18	2.0	0.037		ENDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
72208	39391	0.18	2.0	0.037		ENDRIN IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72208	39392	0.18	2.0	0.037		ENDRIN IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
8001352	39400	0.73	3.0	0.21		TOXAPHENE IN WHOLE WATER SAMPLE	UG/L	Pesticide
8001352	39401	0.73	3.0	0.21		TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
8001352	39402	0.73	3.0	0.21		TOXAPHENE IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
76448	39410	0.52	0.4	0.053		HEPTACHLOR IN WHOLE WATER SAMPLE	UG/L	Pesticide
76448	39411	0.52	0.4	0.053		HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
76448	39412	0.52	0.4	0.053		HEPTACHLOR IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
1024573	39420	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
1024573	39421	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN FILT. FRAC. WATER SAMPLE	UG/L	Pesticide
1024573	39422	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN SUSP. FRAC. WATER SAMPLE	UG/L	Pesticide
72435	39478		40			METHOXYCHLOR IN WHOLE WATER DISSOLVED	UG/L	Pesticide
72435	39479		40			METHOXYCHLOR IN WHOLE WATER SUSPENDED	UG/L	Pesticide
72435	39480		40			METHOXYCHLOR IN WHOLE WATER SAMPLE	UG/L	Pesticide
56382	39540	0.065				PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
56382	39542	0.065				PARATHION IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
56382	39543	0.065				PARATHION IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
1912249	39630		3.0			ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	UG/L	Pesticide
1912249	39632		3.0			ATRAZINE DISSOLVED IN WATER	PPB	Pesticide
118741	39700	6.0 ^P	1.0			HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	UG/L	General Organic
87683	39702	90*		32*		HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE	UG/L	General Organic
1918021	39720		500			PICLORAM IN WHOLE WATER SAMPLE	UG/L	Pesticide
94757	39730		70			2,4-D IN WHOLE WATER SAMPLE	UG/L	Pesticide
94757	39732		70			2,4-D IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
94757	39733		70			2,4-D IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
93721	39760		50			SILVEX IN WHOLE WATER SAMPLE	UG/L	Pesticide
93721	39762		50			SILVEX IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
93721	39763		50			SILVEX IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
58899	39782	2.0	0.2	0.16		LINDANE IN WHOLE WATER SAMPLE	UG/L	Pesticide
1071836	39941		700			ROUNDUP IN WHOLE WATER SAMPLE (GLYPHOSATE)	UG/L	Pesticide
7782505	45650	0.019		0.013		CHLORINE, IN ORGANIC COMPOUNDS, WATER, WHOLE	MG/L	General Inorganic
56382	46315	0.065				ETHYL PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide
58899	46322	2.0	0.2	0.16		LINDANE PLUS ISOMERS IN WHOLE WATER SAMPLE	UG/L	Pesticide
76448	46326	0.52	0.4	0.053		HEPTACHLOR AND METABOLITES IN WHOLE H2O SAMPLE	UG/L	Pesticide
15972608	46342		2.0			ALACHLOR (LASSO), WATER, DISSOLVED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782505	46472	0.019		0.013		CHLORINE, TOTAL RESIDUAL, AVERAGE VALUE, WATER	MG/L	General Inorganic
7782505	46473	0.019		0.013		CHLORINE, FREE AVAILABLE, AVERAGE VALUE, WATER	MG/L	General Inorganic
57125	46479	22	200	1.0		CYANIDE, DISSOLVED, WATER	UG/L	General Inorganic
7440382	46551	360	50	69		ARSENIC, FIELD ACIDIFIED W/HNO3, LAB FILTERED	UG/L	Metal
7440393	46558		2000			BARIUM, FIELD ACIDIFIED W/HNO3-LAB FILT	UG/L	Metal
7440439	46559	3.9 ⁺	5.0	43		CADMIUM, FIELD ACIDIFIED-HNO3-LAB FILTER	UG/L	Metal
7440473	46560		100			CHROMIUM, FIELD ACIDIFIED-HNO3-LAB FILT.	UG/L	Metal
7440508	46562	18 ⁺	1300 ^a	2.9		COPPER, FIELD ACIDIFIED-HNO3- LAB FILTER.	UG/L	Metal
7439921	46564	82 ⁺	15 ^a	220		LEAD, FIELD ACIDIFIED-HNO3-LAB FILTERED	UG/L	Metal
7440224	46566	4.1 ⁺	100 ^s	0.12		SILVER, FIELD ACIDIFIED-HNO3-LAB FILTER.	UG/L	Metal
7440666	46567	120 ⁺	5000 ^s	95		ZINC, EXTRACTABLE, FIELD ACID W/HNO3, LAB FILTR	UG/L	Metal
56382	49011	0.065				UNKNOWN AS PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide
7782505	50058	0.019		0.013		CHLORINE DOSE	MG/L	General Inorganic
7782505	50060	0.019		0.013		CHLORINE, TOTAL RESIDUAL	MG/L	General Inorganic
7782505	50064	0.019		0.013		CHLORINE, FREE AVAILABLE	MG/L	General Inorganic
7782505	50066	0.019		0.013		CHLORINE, COMBINED AVAILABLE	MG/L	General Inorganic
7782505	50074	0.019		0.013		CHLORITE, WHOLE WATER	MG/L	General Inorganic
	61215				200 [^]	FECAL COLIFORM, GENERAL #/100ML	#/100ML	Bacteriological
16887006	70352	860	250 ^s			CHLORIDE, ORGANIC	MG/L	General Organic
14797558	71850		44			NITRATE NITROGEN, TOTAL (AS NO3)	MG/L	Nitrogen

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
14797558	71851		44			NITRATE NITROGEN, DISSOLVED (AS NO3)	MG/L	Nitrogen
14797650	71855		3.3			NITRITE NITROGEN, TOTAL (AS NO2)	MG/L	Nitrogen
14797650	71856		3.3			NITRITE NITROGEN, DISSOLVED (AS NO2)	MG/L	Nitrogen
7439976	71890	2.4	2.0	2.1		MERCURY, DISSOLVED	UG/L	Metal
7439976	71895	2.4	2.0	2.1		MERCURY, SUSPENDED	UG/L	Metal
7439976	71900	2.4	2.0	2.1		MERCURY, TOTAL	UG/L	Metal
7439976	71901	2.4	2.0	2.1		MERCURY, TOTAL RECOVERABLE IN WATER AS HG	UG/L	Metal
7440439	71946	3.9 ⁺	5.0	43		CADMIUM, EXTRACTABLE	UG/L	Metal
7440473	71947		100			CHROMIUM, EXTRACTABLE	UG/L	Metal
7439921	71949	82 ⁺	15 ^a	220		LEAD, EXTRACTABLE	UG/L	Metal
7440666	71950	120 ⁺	5000 ^s	95		ZINC, EXTRACTABLE	UG/L	Metal
7440508	71951	18 ⁺	1300 ^a	2.9		COPPER, EXTRACTABLE	UG/L	Metal
1336363	76011	2000	500	10000		PCBS, SUSPENDED, WATER	NG/L	General Organic
1336363	76012	2000	500	10000		PCBS, TOTAL RECOVERABLE, WATER	NG/L	General Organic
156592	77093		70			CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	UG/L	General Organic
100425	77128		100			STYRENE, WHOLE WATER	UG/L	General Organic
106489	77296			29700 [*]		P-CHLOROPHENOL, WHOLE WATER	UG/L	General Organic
106934	77651		0.05			1,2-DIBROMOETHANE, WHOLE WATER	UG/L	General Organic
95954	77687	100 ^p		240 ^p		2,4,5-TRICHLOROPHENOL, WHOLE WATER	UG/L	General Organic
935955	77769			440 [*]		2,3,5,6-TETRACHLOROPHENOL, WHOLE WATER	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
103231	77903		400			BIS (2-ETHYLHEXYL) ADIPATE, WHOLE WATER	UG/L	General Organic
18540299	78247	16	100	1100		CHROMIUM, HEXAVALENT, TOTAL RECOVERABLE	UG/L	Metal
57125	78248	22	200	1.0		CYANIDE, TOTAL RECOVERABLE, WATER, WHOLE	UG/L	Metal
	78456	11*		12*		HALOMETHANES, SUMMATION, WHOLE WATER	MG/L	General Organic
14808798	78462		250 ^s			SULFATE, WATER, DISSOLVED AS S	MG/L	Metal
85007	78885		20			DIQUAT DIBROMIDE (REGLONE) WHOLE WATER SAMPLE	UG/L	Pesticide
7440611	80020		20°			URANIUM, DISS. BY EXTRACTION FLUOROMETRIC	UG/L	Radiological
16065831	80357	1700	100	10300*		CHROMIUM, TRIVALENT, DISSOLVED	UG/L	Metal
57125	81208	0.022	0.2	0.001		CYANIDE,FREE (NOT AMENABLE TO CHLORINATION)	MG/L	General Inorganic
608731	81283	100*		0.34*		BENZENEHEXACHLORIDE, WHOLE WATER	UG/L	Pesticide
88857	81287		7.0			DNBP(C10H12N2O5), WHOLE WATER SAMPLE	UG/L	Pesticide
26638197	81327	23000*	5.0	10300*		DICHLOROPROPANE, WHOLE WATER SAMPLE	UG/L	General Organic
25321226	81333	1120*		1970*		DICHLOROBENZENE ISOMER, WHOLE WATER SAMPLE	UG/L	General Organic
2921882	81403	0.083		0.011		DURSBAN (CHLOROPYRIFOS) WHOLE WATER SAMPLE	UG/L	Pesticide
1563662	81405		40			CARBOFURAN (EURADAN) WHOLE WATER SAMPLE	UG/L	Pesticide
76017	81501	7240*		390*		PENTACHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
25321226	81524	1120*		1970*		DICHLOROBENZENE, WHOLE WATER SAMPLE	UG/L	General Organic
25322207	81549	9320*				TETRACHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
26638197	81703	23*	0.005*	10.3*		DICHLOROPROPANE, WHOLE WATER SAMPLE	MG/L	General Organic
7440508	81750	18 ⁺	1300 ^a	2.9		COPPER, INTERSTITIAL WATERFROM SEDIMENTS	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440020	81752	1400 ⁺	100	75		NICKEL, INTERSTITIAL WATER FROM SEDIMENTS	UG/L	Metal
7440666	81754	120 ⁺	5000 ^s	95		ZINC, INTERSTITIAL WATER FROM SEDIMENTS	UG/L	Metal
25323891	81853	18000 [*]				TRICHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
7439976	81931	2.4	2.0	2.1		MERCURY (HG) SUSPENDED FRACTION OF WATER	UG/G	Metal
7440666	81933	120 ⁺	5000 ^s	95		ZINC (ZN) SUSPENDED FRACTION OF WATER	UG/G	Metal
7439921	81936	82 ⁺	15 ^a	220		LEAD (PB) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440439	81937	3.9 ⁺	5.0	43		CADMIUM (CD) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440473	81938		100			CHROMIUM (CR) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440508	81939	18 ⁺	1300 ^a	2.9		COPPER (CU) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440666	81940	120 ⁺	5000 ^s	95		ZINC (ZN) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440473	81941		100			CHROMIUM (CR) DISSOLVED ANIONIC SPECIES	UG/L	Metal
7440508	81942	18 ⁺	1300 ^a	2.9		COPPER (CU) DISSOLVED ANIONIC SPECIES	UG/L	Metal
7440666	81943	120 ⁺	5000 ^s	95		ZINC (ZN) DISSOLVED ANIONIC SPECIES	UG/L	Metal
	82078				50 ^l	TURBIDITY, FIELD	NTU	Physical
	82079				50 ^l	TURBIDITY, LAB	NTU	Physical
88857	82226		7.0			2 SECONDARY BUTYL 4,6-DINITROPHENOL	UG/L	Pesticide
16887006	82295	860000	250000 ^s			CHLORIDE DISSOLVED AS CL IN WATER	UG/L	General Inorganic
72435	82350		40			METHOXYCHLOR, DISSOLVED IN WATER	UG/L	Pesticide
72435	82351		40			METHOXYCHLOR, SUSPENDED IN WATER	UG/L	Pesticide
115297	82354	0.22		0.034		ENDOSULFAN, DISSOLVED IN WATER	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
115297	82355	0.22		0.034		ENDOSULFAN, SUSPENDED IN WATER	UG/L	Pesticide
57125	82573	0.022	0.2	0.001		CYANIDE/CHLORINATION IN WATER	MG/L	General Inorganic
1646873	82586		4.0			ALDICARB SULFOXIDE, WATER, TOTAL RECOVERABLE	UG/L	General Organic
1646884	82587		2.0			ALDICARB SULFONE, WHOLE WATER, TOTAL RECOVERABLE	UG/L	General Organic
23135220	82613		200			OXAMYL, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
1563662	82615		40			CARBOFURAN, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
116063	82619		3.0			ALDICARB, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
33213659	82624	0.22		0.034		ENDOSULFAN, BETA, WH WATER, TOTAL RECOVERABLE	UG/L	Pesticide
96128	82625		0.2			DIBROMOCHLOROPROPANE, WATER, TOTAL RECOVERABLE	UG/L	Pesticide
7440382	82702	360	50	69		ARSENIC, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440393	82703		2			BARIUM, FIELD ACIDIFIED, DECANTED, WATER	MG/L	Metal
7440417	82704	130 [*]	4.0			BERYLLIUM, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440439	82705	3.9 ⁺	5.0	43		CADMIUM, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440473	82706		100			CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440508	82708	18 ⁺	1300 ^a	2.9		COPPER, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7439921	82711	82 ⁺	15 ^a	220		LEAD, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7439976	82713	2.4	2.0	2.1		MERCURY, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440020	82715	1400 ⁺	100	75		NICKEL, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440224	82716	4.1 ⁺	100 ^s	0.12		SILVER, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440666	82719	120 ⁺	5000 ^s	95		ZINC, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal

Footnote Key:

*Insufficient Data to Develop Criteria. Value Presented is the L.O.E.L. - Lowest Observed Effect Level.

+Hardness Dependent Criteria (100 mg/L CaCO₃ Used).

***pH Dependent Criteria (7.8 pH Used).

=Rule of thumb criterion used by the NPS Air Quality Division for determining sensitivity to acid deposition.

^Freshwater bathing criterion, EPA geometric mean based on at least 5 samples equally spaced over a 30-day period; Enterococci marine water bathing criterion 35 CFU/100 ml.

#EPA freshwater aquatic life chronic criterion; marine criterion is ≤ 6.5 , ≥ 8.5 .

!Arizona state standard.

^aEPA action level, 40 CFR 141.80.

^bCalifornia and Florida state bathing water standards.

^cA Compilation of Water Quality Goals, California Regional Water Quality Control Board Central Valley Region, Sacramento, California, September, 1991.

ⁿTotal coliform drinking water maximum contaminant level (1 cfu/100ml or 1 mpn/100ml) was not used in water quality criteria comparisons.

^pProposed Criterion.

^rAverage annual concentration assumed to produce a total body or organ dose of 4 mrem/year, 40 CFR 141.16.

^sEPA National Secondary Drinking Water Regulation, 40 CFR 143.

^tThe maximum contaminant level for the sum of the concentrations of trihalomethanes is 100 µg/L, 40 CFR 141.12.

^uColdwater criterion one day minimum; warmwater criterion seven day mean minimum.

Appendix G

Inventory Data Evaluation and Analysis (IDEA) Servicewide Inventory and Monitoring Program "Level I" Parameter Groups

The following table provides the Servicewide Inventory and Monitoring Program's "Level I" water quality inventory parameter groups (National Park Service 1993). In order to determine the presence and/or absence of data for each of these parameter groups in the park, the parameter groups had to be defined by STORET parameter codes. This table provides the STORET codes and parameter descriptions for each parameter comprising one of the Servicewide Inventory and Monitoring Program's "Level I" water quality parameter groups. Additional parameters could have been incorporated into each group, but an effort was made to represent each group with the parameters deemed to most likely occur in STORET and parks. The Toxic Elements Parameter Group was defined as the EPA's Clean Water Act Section 304(a) Priority Toxic Pollutants (40 CFR 131.36). Parameters are listed in ascending order of STORET code within each parameter group. It is important to note that similar parameters often have non-consecutive codes. Consequently, scanning the entire list is necessary to find all the parameters of a particular type (eg. lead, copper, etc.). Refer to the Parameter Period of Record Tabulation to obtain the STORET code for any parameter measured in the park.

STORET Code	Water Temperature Parameter Group	C.A.S. Number
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	-
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	-
STORET Code	Flow Parameter Group¹	C.A.S. Number
00056	FLOW RATE, GALLONS/DAY	-
00058	FLOW RATE, GALLONS/MIN.	-
00059	FLOW RATE, INSTANTANEOUS, GALLONS/MINUTE	-
00060	FLOW, STREAM, MEAN DAILY CFS	-
00061	FLOW, STREAM, INSTANTANEOUS CFS	-
00065	STAGE, STREAM (FEET)	-
00067	TIDE STAGE CODE	-
00072	STAGE, STREAM (METERS)	-

¹Tide stage is included in the Flow Parameter Group for coastal parks.

STORET Code	Clarity/Turbidity Parameter Group	C.A.S. Number
00070	TURBIDITY, (JACKSON CANDLE UNITS)	-
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	-
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	-
00077	TRANSPARENCY, SECCHI DISC (INCHES)	-
00078	TRANSPARENCY, SECCHI DISC (METERS)	-
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	-
82078	TURBIDITY, FIELD NEPHELOMETRIC TURBIDITY UNITS NTU	-
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	-
STORET Code	Conductivity Parameter Group	C.A.S. Number
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	-
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	-
00096	SALINITY AT 25 DEGREES C (MG/ML)	-
00480	SALINITY - PARTS PER THOUSAND	-
STORET Code	Dissolved Oxygen Parameter Group	C.A.S. Number
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	7782447
00300	OXYGEN, DISSOLVED (MG/L)	7782447
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION	7782447
00389	OXYGEN, DISSOLVED, LAB ANAL. BY PROBE OF FIELD SAMPLE (MG/L)	7782447
STORET Code	pH Parameter Group	C.A.S. Number
00400	PH (STANDARD UNITS)	-
00403	PH, LAB (STANDARD UNITS)	-
00406	PH, FIELD (STANDARD UNITS)	-

STORET Code	Alkalinity Parameter Group	C.A.S. Number
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS (μ EQ/L)	471341
00410	ALKALINITY, TOTAL (MG/L AS CaCO_3)	471341
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	77098
00430	ALKALINITY, CARBONATE (MG/L AS CaCO_3)	471341
00435	ACIDITY, TOTAL (MG/L AS CaCO_3)	471341
00440	BICARBONATE ION (MG/L AS HCO_3)	71523
00445	CARBONATE ION (MG/L AS CO_3)	3812326
STORET Code	Nitrate/Nitrogen Parameter Group	C.A.S. Number
00600	NITROGEN, TOTAL (MG/L AS N)	17778880
00602	NITROGEN, DISSOLVED (MG/L AS N)	17778880
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	17778880
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	17778880
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	17778880
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	17778880
00612	AMMONIA, UNIONIZED (MG/L AS N)	7664417
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	17778880
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	17778880
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	17778880
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	17778880
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	17778880
00631	NITRITE PLUS NITRATE, DISSOLVED 1 DET. (MG/L AS N)	17778880
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH_4)	14798039
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH_4)	14798039
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO_3)	14797558
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO_3)	14797558
71855	NITRITE NITROGEN, TOTAL (MG/L AS NO_2)	14797650
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO_2)	14797650

STORET Code	Phosphate/Phosphorus Parameter Group	C.A.S. Number
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	14265442
00655	PHOSPHATE, POLY (MG/L AS PO4)	14265442
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	14265442
00665	PHOSPHORUS, TOTAL (MG/L AS P)	7723140
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	7723140
00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	7723140
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	7723140
70505	PHOSPHORUS, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	7723140
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	7723140
STORET Code	Sulfates/Total Dissolved Solids/Hardness Parameter Group	C.A.S. Number
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	471341
00945	SULFATE, TOTAL (MG/L AS SO4)	14808798
00946	SULFATE, DISSOLVED (MG/L AS SO4)	14808798
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	-
STORET Code	Chlorophyll Parameter Group	C.A.S. Number
32209	CHLOROPHYLL A (UG/L) FLUOROMETRIC CORRECTED	479618
32210	CHLOROPHYLL A (UG/L) TRICHROMATIC UNCORRECTED	479618
32211	CHLOROPHYLL A (UG/L) SPECTROPHOTOMETRIC ACID METH.	479618
32217	CHLOROPHYLL A (UG/L) FLUOROMETRIC UNCORRECTED	479618
32223	CHLOROPHYLL A (MG/M2) SPECTROPHOTOMETRIC CORRECTED	479618
32228	CHLOROPHYLL A (MG/M2) PERIPHYTON SPECTRO.	479618
32229	CHLOROPHYLL A (MG/M2) FLUOR. CORRECTED, SUBSTRATER	479618
32230	CHLOROPHYLL A (MG/L)	479618

STORET Code	Bacteria Parameter Group	C.A.S. Number
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI	-
31501	COLIFORM, TOT, MEMBRANE FILTER, IMMED., M-ENDO MED,35C	-
31503	COLIFORM, TOT, MEMBRANE FILTER, DELAY, M-ENDO MED, 35C	-
31504	COLIFORM, TOT, MEMBRANE FILTER, IMMED., LES-ENDO AGAR, 35C	-
31505	COLIFORM, TOT, MPN, CONFIRMED TEST,35C(TUBE 31506)	-
31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	-
31507	COLIFORM, TOT, MPN, COMPLETED TEST,35C(TUBE 31508)	-
31508	COLIFORM, TOT, MPN, COMPLETED TEST, TUBE CONFIG.	-
31613	FECAL COLIFORM, MEMBR, FILTER,M-FC AGAR,44.5C,24HR	-
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	-
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	-
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	-
31617	FECAL COLIFORM, MPN,EIJKMAN TEST,44.5C(TUBE 31618)	-
31625	FECAL COLIFORM, MF, M-FC, 0.7 UM	-
31648	E. COLI - MTEC-MF	-
31649	ENTEROCOCCI- ME-MF	-
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	-
31676	FECAL STREPTOCOCCI, MPN, KF BROTH, TUBE CONFIG.	-
31677	FECAL STREPTOCOCCI, MPN, AD-EVA, 35C (TUBE 31678)	-
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	-
61214	FECAL STREPTOCOCCI, GENERAL #/100ML	-
61215	FECAL COLIFORM, GENERAL #/100ML	-
STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants)	C.A.S. Number
00718	CYANIDE, WEAK ACID, DISSOC. WATER, WHOLE (UG/L)	57125
00719	CYANIDE, FREE, IN WATER & WASTEWATERS, HBG (UG/L)	57125
00720	CYANIDE, TOTAL (MG/L AS CN)	57125
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) (MG/L)	57125

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
00723	CYANIDE, DISSOLVED STD METHOD (UG/L)	57125
00724	CYANIDE COMPLEXED TO A RANGE OF COMPNDS (UG/L)	57125
00969	CHRYSTILE ASBESTOS FIBERS/LITER	1332214
00973	AMPHIBOLE ASBESTOS FIBERS/LITER	1332214
00976	AMBIGUOUS ASBESTOS FIBERS/LITER	1332214
00977	NON-AMPHIBOLE NON-CHRYSTILE ASBESTOS FIBERS/LITER	1332214
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS AS	7440382
00981	SELENIUM, TOTAL RECOVERABLE IN WATER AS SE (UG/L)	7782492
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS (UG/L)	7440280
00990	SELENITE, TOTAL RECOVERABLE INORGANIC (UG/L)	7782492
00991	ARSENIC, TOTAL RECOVER. TRIVALENT INORGANIC (UG/L)	7440382
00995	ARSENIC, INORGANIC DISSOLVED (UG/L AS AS)	7440382
00996	ARSENIC, INORGANIC SUSPENDED (UG/L AS AS)	7440382
00997	ARSENIC, INORGANIC TOTAL (UG/L AS AS)	7440382
00998	BERYLLIUM, TOTAL RECOVERABLE IN WATER AS BE (UG/L)	7440417
01000	ARSENIC, DISSOLVED (UG/L AS AS)	7440382
01001	ARSENIC, SUSPENDED (UG/L AS AS)	7440382
01002	ARSENIC, TOTAL (UG/L AS AS)	7440382
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	7440417
01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	7440417
01012	BERYLLIUM, TOTAL (UG/L AS BE)	7440417
01025	CADMIUM, DISSOLVED (UG/L AS CD)	7440439
01026	CADMIUM, SUSPENDED (UG/L AS CD)	7440439
01027	CADMIUM, TOTAL (UG/L AS CD)	7440439
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	7440473
01031	CHROMIUM, SUSPENDED (UG/L AS CR)	7440473
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	7440473
01033	CHROMIUM, TRI-VAL (UG/L AS CR)	16065831
01034	CHROMIUM, TOTAL (UG/L AS CR)	7440473

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01040	COPPER, DISSOLVED (UG/L AS CU)	7440508
01041	COPPER, SUSPENDED (UG/L AS CU)	7440508
01042	COPPER, TOTAL (UG/L AS CU)	7440508
01049	LEAD, DISSOLVED (UG/L AS PB)	7439921
01050	LEAD, SUSPENDED (UG/L AS PB)	7439921
01051	LEAD, TOTAL (UG/L AS PB)	7439921
01057	THALLIUM, DISSOLVED (UG/L AS TL)	7440280
01058	THALLIUM, SUSPENDED (UG/L AS TL)	7440280
01059	THALLIUM, TOTAL (UG/L AS TL)	7440280
01065	NICKEL, DISSOLVED (UG/L AS NI)	7440020
01066	NICKEL, SUSPENDED (UG/L AS NI)	7440020
01067	NICKEL, TOTAL (UG/L AS NI)	7440020
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI (UG/L)	7440020
01075	SILVER, DISSOLVED (UG/L AS AG)	7440224
01076	SILVER, SUSPENDED (UG/L AS AG)	7440224
01077	SILVER, TOTAL (UG/L AS AG)	7440224
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG (UG/L)	7440224
01089	COPPER AS SUSPENDED BLACK OXIDE IN WATER (MG/L)	7440508
01090	ZINC, DISSOLVED (UG/L AS ZN)	7440666
01091	ZINC, SUSPENDED (UG/L ZN)	7440666
01092	ZINC, TOTAL (UG/L AS ZN)	7440666
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN (UG/L)	7440666
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	7440360
01096	ANTIMONY, SUSPENDED (UG/L AS SB)	7440360
01097	ANTIMONY, TOTAL (UG/L AS SB)	7440360
01113	CADMIUM, TOTAL RECOVERABLE IN WATER AS CD (UG/L)	7440439
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB (UG/L)	7439921
01118	CHROMIUM, TOTAL RECOVERABLE IN WATER AS CR (UG/L)	7440473
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU (UG/L)	7440508

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01124	THALLIUM, ACID SOLUBLE, WATER, WHOLE (UG/L)	7440280
01128	THALLIUM,TOTAL RECOVERABLE <95%, UG/L AS TL	7440280
01138	SELENIUM, IN WATER, LBS/DAY	7782492
01145	SELENIUM, DISSOLVED (UG/L AS SE)	7782492
01146	SELENIUM, SUSPENDED (UG/L AS SE)	7782492
01147	SELENIUM, TOTAL (UG/L AS SE)	7782492
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE (UG/L)	7782492
01220	CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	18540299
01252	ARSENIC, LB/DAY/CFS STREAM FLOW	7440382
01253	CADMIUM, LB/DAY/CFS STREAM FLOW	7440439
01254	CHROMIUM, TOTAL (LBS/DAY/CFS STREAM FLOW)	7740473
01255	CHROMIUM, HEXAVALENT, LB/DAY/CFS STREAM FLOW	18540299
01256	COPPER, LB/DAY/CFS STREAM FLOW	7440508
01257	CYANIDE LB/DAY/CFS STREAM FLOW	57125
01259	LEAD, LB/DAY/CFS STREAM FLOW	7439921
01260	MERCURY, LB/DAY/CFS STREAM FLOW	7439976
01261	NICKEL, LB/DAY/CFS STREAM FLOW	7440020
01263	SILVER, LB/DAY/CFS STREAM FLOW	7440224
01264	ZINC LB/DAY/CFS STREAM FLOW	7440666
01268	ANTIMONY, (SB), WATER, TOTAL RECOVERABLE (UG/L)	7440360
01291	CYANIDE, FILTERABLE, TOTAL IN WATER (UG/L)	57125
01303	ZINC, POTENTIALLY DISSOLVED WATER (MG/L)	7440666
01304	SILVER, POTENTIALLY DISSOLVED WATER (MG/L)	7440224
01306	COPPER, POTENTIALLY DISSOLVED WATER (MG/L)	7440508
01307	CHROMIUM, HEXAVALENT, POTENT. DISS. WATER (MG/L)	18540299
01309	ARSENIC, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440382
01312	BERYLLIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440417
01313	CADMIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440439

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01314	CHROMIUM, TRIVALENT, POTENT., DISS., WATER (MG/L)	16065831
01318	LEAD, POTENTIALLY, DISSOLVED, WATER (MG/L)	7439921
01321	MERCURY, POTENTIALLY, DISSOLVED, WATER (MG/L)	7439976
01322	NICKEL, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440020
01323	SELENIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7782492
01324	THALLIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440280
01523	SILVER, IONIC (UG/L)	7440224
22675	SELENIUM, DISSOLVED ORGANIC (UG/L)	7782492
22676	SELENIUM, HEXAVALENT, DISSOLVED (UG/L)	7782492
22677	SELENIUM, TETRAVALENT, DISSOLVED	7782492
22678	ARSENIC, DISSOLVED ORGANIC (UG/L)	7440382
22679	ARSENIC, PENTAVALENT, DISSOLVED (UG/L)	7440382
22680	ARSENIC, TRIVALENT, DISSOLVED (UG/L)	7440382
30197	2-CHLOROETHYL VINYL ETHER, WATER, WHL, RECOVER (UG/L)	110758
30201	CHLOROMETHANE, WATER, WHOLE, RECOVERABLE (UG/L)	74873
30202	BROMOMETHANE, WATER, WHOLE, RECOVERABLE (UG/L)	74839
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXT. (UG/L)	67663
32005	CARBON CHLOROFORM EXTRACTABLES (UG/L)	67663
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLE (UG/L)	67663
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES (UG/L)	67663
32101	BROMODICHLOROMETHANE, WHOLE WATER (UG/L)	75274
32102	CARBON TETRACHLORIDE, WHOLE WATER, (UG/L)	56235
32103	1,2-DICHLOROETHANE, WHOLE WATER (UG/L)	107062
32104	BROMOFORM, WHOLE WATER, (UG/L)	75252
32105	DIBROMOCHLOROMETHANE, WHOLE WATER, (UG/L)	124481
32106	CHLOROFORM, WHOLE WATER (UG/L)	67663
32260	CARBON TETRACHLORIDE EXTRACTABLES (MG/L)	56235
32270	CHLOROFORM EXTRACTABLES TOTAL IN MG PER LITER	67663

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	108883
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	71432
34198	BHC-DELTA, WATER, WHOLE (LBS/DAY)	319868
34200	ACENAPHTHYLENE, TOTAL (UG/L)	208968
34201	ACENAPHTHYLENE, DISSOLVED (UG/L)	208968
34202	ACENAPHTHYLENE, SUSPENDED (UG/L)	208968
34205	ACENAPHTHENE, TOTAL (UG/L)	83329
34206	ACENAPHTHENE, DISSOLVED (UG/L)	83329
34207	ACENAPHTHENE, SUSPENDED (UG/L)	83329
34210	ACROLEIN, TOTAL (UG/L)	107028
34211	ACROLEIN, DISSOLVED (UG/L)	107028
34212	ACROLEIN, SUSPENDED (UG/L)	107028
34215	ACRYLONITRILE, TOTAL (UG/L)	107131
34216	ACRYLONITRILE, DISSOLVED (UG/L)	107131
34217	ACRYLONITRILE, SUSPENDED (UG/L)	107131
34220	ANTHRACENE, TOTAL (UG/L)	120127
34221	ANTHRACENE, DISSOLVED (UG/L)	120127
34222	ANTHRACENE, SUSPENDED (UG/L)	120127
34225	ASBESTOS (FIBROUS) TOTAL (UG/L)	1332214
34226	ASBESTOS (FIBROUS) DISSOLVED (UG/L)	1332214
34227	ASBESTOS (FIBROUS) SUSPENDED (UG/L)	1332214
34230	BENZO(B)FLUORANTHENE, WHOLE WATER (UG/L)	205992
34231	BENZO(B)FLUORANTHENE, DISSOLVED (UG/L)	205992
34232	BENZO(B)FLUORANTHENE, SUSPENDED (UG/L)	205992
34235	BENZENE, DISSOLVED (UG/L)	71432
34236	BENZENE, SUSPENDED (UG/L)	71432
34239	BENZIDINE, DISSOLVED (UG/L)	92875
34240	BENZIDINE, SUSPENDED (UG/L)	92875

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34242	BENZO(K)FLUORANTHENE, TOTAL (UG/L)	207089
34243	BENZO(K)FLUORANTHENE, DISSOLVED (UG/L)	207089
34244	BENZO(K)FLUORANTHENE, SUSPENDED (UG/L)	207089
34247	BENZO-A-PYRENE, TOTAL (UG/L)	50328
34248	BENZO-A-PYRENE, DISSOLVED (UG/L)	50328
34249	BENZO-A-PYRENE, SUSPENDED (UG/L)	50328
34253	A-BHC-ALPHA, DISSOLVED (UG/L)	319846
34254	A-BHC-ALPHA, SUSPENDED (UG/L)	319846
34255	B-BHC-BETA, DISSOLVED (UG/L)	319857
34256	B-BHC-BETA, SUSPENDED (UG/L)	319857
34259	DELTA BENZENE HEXACHLORIDE, TOTAL (UG/L)	319868
34260	DELTA BENZENE HEXACHLORIDE, DISSOLVED (UG/L)	319868
34261	DELTA BENZENE HEXACHLORIDE, SUSPENDED (UG/L)	319868
34265	R-BHC (LINDANE) GAMMA, DISSOLVED (UG/L)	58899
34266	R-BHC (LINDANE) GAMMA, SUSPENDED (UG/L)	58899
34273	BIS (2-CHLOROETHYL) ETHER, TOTAL (UG/L)	111444
34274	BIS (2-CHLOROETHYL) ETHER, DISSOLVED (UG/L)	111444
34275	BIS (2-CHLOROETHYL) ETHER, SUSPENDED (UG/L)	111444
34278	BIS (2-CHLOROETHOXY) METHANE, TOTAL (UG/L)	111911
34279	BIS (2-CHLOROETHOXY) METHANE, DISSOLVED (UG/L)	111911
34280	BIS (2-CHLOROETHOXY) METHANE, SUSPENDED (UG/L)	111911
34288	BROMOFORM, DISSOLVED (UG/L)	75252
34289	BROMOFORM, SUSPENDED (UG/L)	75252
34292	N-BUTYL BENZYL PHTHALATE, WHOLE WATER (UG/L)	85687
34293	N-BUTYL BENZYL PHTHALATE, DISSOLVED (UG/L)	85687
34294	N-BUTYL BENZYL PHTHALATE, SUSPENDED (UG/L)	85687
34297	CARBON TETRACHLORIDE, DISSOLVED (UG/L)	56235
34298	CARBON TETRACHLORIDE, SUSPENDED (UG/L)	56235

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34301	CHLOROBENZENE, TOTAL (UG/L)	108907
34302	CHLOROBENZENE, DISSOLVED (UG/L)	108907
34303	CHLOROBENZENE, SUSPENDED (UG/L)	108907
34306	CHLORODIBROMOMETHANE, TOTAL (UG/L)	124481
34307	CHLORODIBROMOMETHANE, DISSOLVED (UG/L)	124481
34308	CHLORODIBROMOMETHANE, SUSPENDED (UG/L)	124481
34311	CHLOROETHANE, TOTAL (UG/L)	75003
34312	CHLOROETHANE, DISSOLVED (UG/L)	75003
34313	CHLOROETHANE, SUSPENDED (UG/L)	75003
34316	CHLOROFORM, DISSOLVED (UG/L)	67663
34317	CHLOROFORM, SUSPENDED (UG/L)	67663
34320	CHRYSENE, TOTAL (UG/L)	218019
34321	CHRYSENE, DISSOLVED (UG/L)	218019
34322	CHRYSENE, SUSPENDED (UG/L)	218019
34325	CYANIDE, SUSPENDED (MG/L)	57125
34327	DI-N-BUTYL PHTHALATE, DISSOLVED (UG/L)	84742
34328	DICHLOROBROMOMETHANE, DISSOLVED (UG/L)	75274
34329	DICHLOROBROMOMETHANE, SUSPENDED (UG/L)	75274
34336	DIETHYL PHTHALATE, TOTAL (UG/L)	84662
34337	DIETHYL PHTHALATE, DISSOLVED (UG/L)	84662
34338	DIETHYL PHTHALATE, SUSPENDED (UG/L)	84662
34341	DIMETHYL PHTHALATE, TOTAL (UG/L)	131113
34342	DIMETHYL PHTHALATE, DISSOLVED (UG/L)	131113
34343	DIMETHYL PHTHALATE, SUSPENDED (UG/L)	131113
34346	1,2-DIPHENYLHYDRAZINE, TOTAL (UG/L)	122667
34347	1,2-DIPHENYLHYDRAZINE, DISSOLVED (UG/L)	122667
34348	1,2-DIPHENYLHYDRAZINE, SUSPENDED (UG/L)	122667
34351	ENDOSULFAN SULFATE, TOTAL (UG/L)	1031078

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34352	ENDOSULFAN SULFATE, DISSOLVED (UG/L)	1031078
34353	ENDOSULFAN SULFATE, SUSPENDED (UG/L)	1031078
34356	ENDOSULFAN, BETA, TOTAL (UG/L)	33213659
34357	ENDOSULFAN, BETA, DISSOLVED (UG/L)	33213659
34358	ENDOSULFAN, BETA, SUSPENDED (UG/L)	33213659
34361	ENDOSULFAN, ALPHA, TOTAL (UG/L)	959988
34362	ENDOSULFAN, ALPHA, DISSOLVED (UG/L)	959988
34363	ENDOSULFAN, ALPHA, SUSPENDED (UG/L)	959988
34371	ETHYLBENZENE, TOTAL (UG/L)	100414
34372	ETHYLBENZENE, DISSOLVED (UG/L)	100414
34373	ETHYLBENZENE, SUSPENDED (UG/L)	100414
34376	FLUORANTHENE, TOTAL (UG/L)	206440
34377	FLUORANTHENE, DISSOLVED (UG/L)	206440
34378	FLUORANTHENE, SUSPENDED (UG/L)	206440
34381	FLUORENE, TOTAL (UG/L)	86737
34382	FLUORENE, DISSOLVED (UG/L)	86737
34383	FLUORENE, SUSPENDED (UG/L)	86737
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL (UG/L)	77474
34387	HEXACHLOROCYCLOPENTADIENE, DISSOLVED (UG/L)	77474
34388	HEXACHLOROCYCLOPENTADIENE, SUSPENDED (UG/L)	77474
34391	HEXACHLOROBUTADIENE, TOTAL (UG/L)	87683
34392	HEXACHLOROBUTADIENE, DISSOLVED (UG/L)	87683
34393	HEXACHLOROBUTADIENE, SUSPENDED (UG/L)	87683
34396	HEXACHLOROETHANE, TOTAL (UG/L)	67721
34397	HEXACHLOROETHANE, DISSOLVED (UG/L)	67721
34398	HEXACHLOROETHANE, SUSPENDED (UG/L)	67721
34401	HEXACHLOROBENZENE, DISSOLVED (UG/L)	118741
34402	HEXACHLOROBENZENE, SUSPENDED (UG/L)	118741

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34403	INDENO (1,2,3-CD) PYRENE, TOTAL (UG/L)	193395
34404	INDENO (1,2,3-CD) PYRENE, DISSOLVED (UG/L)	193395
34405	INDENO (1,2,3-CD) PYRENE, SUSPENDED (UG/L)	193395
34408	ISOPHORONE, TOTAL (UG/L)	78591
34409	ISOPHORONE, DISSOLVED (UG/L)	78591
34410	ISOPHORONE, SUSPENDED (UG/L)	78591
34413	METHYL BROMIDE, TOTAL (UG/L)	74839
34414	METHYL BROMIDE, DISSOLVED (UG/L)	74839
34415	METHYL BROMIDE, SUSPENDED (UG/L)	74839
34418	METHYL CHLORIDE, TOTAL (UG/L)	74873
34419	METHYL CHLORIDE, DISSOLVED (UG/L)	74873
34420	METHYL CHLORIDE, SUSPENDED (UG/L)	74873
34423	METHYLENE CHLORIDE, TOTAL (UG/L)	75092
34424	METHYLENE CHLORIDE, DISSOLVED (UG/L)	75092
34425	METHYLENE CHLORIDE, SUSPENDED (UG/L)	75092
34428	N-NITROSODI-N-PROPYLAMINE, TOTAL (UG/L)	621647
34429	N-NITROSODI-N-PROPYLAMINE, DISSOLVED (UG/L)	621647
34430	N-NITROSODI-N-PROPYLAMINE, SUSPENDED (UG/L)	621647
34433	N-NITROSODIPHENYLAMINE, TOTAL (UG/L)	86306
34434	N-NITROSODIPHENYLAMINE, DISSOLVED (UG/L)	86306
34435	N-NITROSODIPHENYLAMINE, SUSPENDED (UG/L)	86306
34438	N-NITROSODIMETHYLAMINE, TOTAL (UG/L)	62759
34439	N-NITROSODIMETHYLAMINE, DISSOLVED (UG/L)	62759
34440	N-NITROSODIMETHYLAMINE, SUSPENDED (UG/L)	62759
34443	NAPHTHALENE, DISSOLVED (UG/L)	91203
34444	NAPHTHALENE, SUSPENDED (UG/L)	91203
34447	NITROBENZENE, TOTAL (UG/L)	98953
34448	NITROBENZENE, DISSOLVED (UG/L)	98953

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34449	NITROBENZENE, SUSPENDED (UG/L)	98953
34452	PARACHLOROMETA CRESOL, TOTAL (UG/L)	59507
34453	PARACHLOROMETA CRESOL, DISSOLVED (UG/L)	59507
34454	PARACHLOROMETA CRESOL, SUSPENDED (UG/L)	59507
34457	PCB - 1242, DISSOLVED (UG/L)	53469219
34458	PCB - 1242, SUSPENDED (UG/L)	53469219
34459	PCP (PENTACHLOROPHENOL), DISSOLVED (UG/L)	87865
34460	PCP (PENTACHLOROPHENOL), SUSPENDED (UG/L)	87865
34461	PHENANTHRENE, TOTAL (UG/L)	85018
34462	PHENANTHRENE, DISSOLVED (UG/L)	85018
34463	PHENANTHRENE, SUSPENDED (UG/L)	85018
34466	PHENOL, DISSOLVED (UG/L)	108952
34467	PHENOL, SUSPENDED (UG/L)	108952
34469	PYRENE, TOTAL (UG/L)	129000
34470	PYRENE, DISSOLVED (UG/L)	129000
34471	PYRENE, SUSPENDED (UG/L)	129000
34475	TETRACHLOROETHYLENE, TOTAL (UG/L)	127184
34476	TETRACHLOROETHYLENE, DISSOLVED (UG/L)	127184
34477	TETRACHLOROETHYLENE, SUSPENDED (UG/L)	127184
34481	TOLUENE, DISSOLVED (UG/L)	108883
34482	TOLUENE, SUSPENDED (UG/L)	108883
34485	TRICHLOROETHYLENE, DISSOLVED (UG/L)	79016
34486	TRICHLOROETHYLENE, SUSPENDED (UG/L)	79016
34493	VINYL CHLORIDE, DISSOLVED (UG/L)	75014
34494	VINYL CHLORIDE, SUSPENDED (UG/L)	75014
34496	1,1-DICHLOROETHANE, TOTAL (UG/L)	75343
34497	1,1-DICHLOROETHANE, DISSOLVED (UG/L)	75343
34498	1,1-DICHLOROETHANE, SUSPENDED (UG/L)	75343

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34501	1,1-DICHLOROETHYLENE, TOTAL (UG/L)	75354
34502	1,1-DICHLOROETHYLENE, DISSOLVED (UG/L)	75354
34503	1,1-DICHLOROETHYLENE, SUSPENDED (UG/L)	75354
34506	1,1,1-TRICHLOROETHANE, TOTAL (UG/L)	71556
34507	1,1,1-TRICHLOROETHANE, DISSOLVED (UG/L)	71556
34508	1,1,1-TRICHLOROETHANE, SUSPENDED (UG/L)	71556
34511	1,1,2-TRICHLOROETHANE, TOTAL (UG/L)	79005
34512	1,1,2-TRICHLOROETHANE, DISSOLVED (UG/L)	79005
34513	1,1,2-TRICHLOROETHANE, SUSPENDED (UG/L)	79005
34516	1,1,2,2-TETRACHLOROETHANE, TOTAL (UG/L)	79345
34517	1,1,2,2-TETRACHLOROETHANE, DISSOLVED (UG/L)	79345
34518	1,1,2,2-TETRACHLOROETHANE, SUSPENDED (UG/L)	79345
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, TOTAL (UG/L)	191242
34522	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, DISS. (UG/L)	191242
34523	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, SUSP. (UG/L)	191242
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, TOTAL (UG/L)	56553
34527	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, DISS. (UG/L)	56553
34528	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, SUSP. (UG/L)	56553
34531	1,2-DICHLOROETHANE, TOTAL (UG/L)	107062
34532	1,2-DICHLOROETHANE, DISSOLVED (UG/L)	107062
34533	1,2-DICHLOROETHANE, SUSPENDED (UG/L)	107062
34536	1,2-DICHLOROBENZENE, TOTAL (UG/L)	95501
34537	1,2-DICHLOROBENZENE, DISSOLVED (UG/L)	95501
34538	1,2-DICHLOROBENZENE, SUSPENDED (UG/L)	95501
34541	1,2-DICHLOROPROPANE, TOTAL (UG/L)	78875
34542	1,2-DICHLOROPROPANE, DISSOLVED (UG/L)	78875
34543	1,2-DICHLOROPROPANE, SUSPENDED (UG/L)	78875
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER (UG/L)	156605

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34547	TRANS-1,2-DICHLOROETHENE, DISSOLVED (UG/L)	156605
34548	TRANS-1,2-DICHLOROETHENE, SUSPENDED (UG/L)	156605
34551	1,2,4-TRICHLOROBENZENE, TOTAL (UG/L)	120821
34552	1,2,4-TRICHLOROBENZENE, DISSOLVED (UG/L)	120821
34553	1,2,4-TRICHLOROBENZENE, SUSPENDED (UG/L)	120821
34556	1,2,5,6-DIBENZANTHRACENE, TOTAL (UG/L)	53703
34557	1,2,5,6-DIBENZANTHRACENE, DISSOLVED (UG/L)	53703
34558	1,2,5,6-DIBENZANTHRACENE, SUSPENDED (UG/L)	53703
34561	1,3-DICHLOROPROPENE, TOTAL (UG/L)	542756
34562	1,3-DICHLOROPROPENE, DISSOLVED (UG/L)	542756
34563	1,3-DICHLOROPROPENE, SUSPENDED (UG/L)	542756
34566	1,3-DICHLOROBENZENE, TOTAL (UG/L)	541731
34567	1,3-DICHLOROBENZENE, DISSOLVED (UG/L)	541731
34568	1,3-DICHLOROBENZENE, SUSPENDED (UG/L)	541731
34571	1,4-DICHLOROBENZENE, TOTAL (UG/L)	106467
34572	1,4-DICHLOROBENZENE, DISSOLVED (UG/L)	106467
34573	1,4-DICHLOROBENZENE, SUSPENDED (UG/L)	106467
34576	2-CHLOROETHYL VINYL ETHER, TOTAL (UG/L)	110758
34577	2-CHLOROETHYL VINYL ETHER, DISSOLVED (UG/L)	110758
34578	2-CHLOROETHYL VINYL ETHER, SUSPENDED (UG/L)	110758
34581	2-CHLORONAPHTHALENE, TOTAL (UG/L)	91587
34582	2-CHLORONAPHTHALENE, DISSOLVED (UG/L)	91587
34583	2-CHLORONAPHTHALENE, SUSPENDED (UG/L)	91587
34586	2-CHLOROPHENOL, TOTAL (UG/L)	95578
34587	2-CHLOROPHENOL, DISSOLVED (UG/L)	95578
34588	2-CHLOROPHENOL, SUSPENDED (UG/L)	95578
34591	2-NITROPHENOL, TOTAL (UG/L)	88755
34592	2-NITROPHENOL, DISSOLVED (UG/L)	88755

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34593	2-NITROPHENOL, SUSPENDED (UG/L)	88755
34596	DI-N-OCTYL PHTHALATE, TOTAL (UG/L)	117840
34597	DI-N-OCTYL PHTHALATE, DISSOLVED (UG/L)	117840
34598	DI-N-OCTYL PHTHALATE, SUSPENDED (UG/L)	117840
34601	2,4-DICHLOROPHENOL, TOTAL (UG/L)	120832
34602	2,4-DICHLOROPHENOL, DISSOLVED (UG/L)	120832
34603	2,4-DICHLOROPHENOL, SUSPENDED (UG/L)	120832
34606	2,4-DIMETHYLPHENOL, TOTAL (UG/L)	105679
34607	2,4-DIMETHYLPHENOL, DISSOLVED (UG/L)	105679
34608	2,4-DIMETHYLPHENOL, SUSPENDED (UG/L)	105679
34611	2,4-DINITROTOLUENE, TOTAL (UG/L)	121142
34612	2,4-DINITROTOLUENE, DISSOLVED (UG/L)	121142
34613	2,4-DINITROTOLUENE, SUSPENDED (UG/L)	121142
34616	2,4-DINITROPHENOL, TOTAL (UG/L)	51285
34617	2,4-DINITROPHENOL, DISSOLVED (UG/L)	51285
34618	2,4-DINITROPHENOL, SUSPENDED (UG/L)	51285
34621	2,4,6-TRICHLOROPHENOL, TOTAL (UG/L)	88062
34622	2,4,6-TRICHLOROPHENOL, DISSOLVED (UG/L)	88062
34623	2,4,6-TRICHLOROPHENOL, SUSPENDED (UG/L)	88062
34626	2,6-DINITROTOLUENE, TOTAL (UG/L)	606202
34627	2,6-DINITROTOLUENE, DISSOLVED (UG/L)	606202
34628	2,6-DINITROTOLUENE, SUSPENDED (UG/L)	606202
34631	3,3'-DICHLOROBENZIDINE, TOTAL (UG/L)	91941
34632	3,3'-DICHLOROBENZIDINE, DISSOLVED (UG/L)	91941
34633	3,3'-DICHLOROBENZIDINE, SUSPENDED (UG/L)	91941
34636	4-BROMOPHENYL PHENYL ETHER, TOTAL (UG/L)	101553
34637	4-BROMOPHENYL PHENYL ETHER, DISSOLVED (UG/L)	101553
34638	4-BROMOPHENYL PHENYL ETHER, SUSPENDED (UG/L)	101553

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34641	4-CHLOROPHENYL PHENYL ETHER, TOTAL (UG/L)	7005723
34642	4-CHLOROPHENYL PHENYL ETHER, DISSOLVED (UG/L)	7005723
34643	4-CHLOROPHENYL PHENYL ETHER, SUSPENDED (UG/L)	7005723
34646	4-NITROPHENOL, TOTAL (UG/L)	100027
34647	4-NITROPHENOL, DISSOLVED (UG/L)	100027
34648	4-NITROPHENOL, SUSPENDED (UG/L)	100027
34651	P,P'-DDD, DISSOLVED (UG/L)	72548
34652	P,P'-DDD, SUSPENDED (UG/L)	72548
34653	P,P'-DDE, DISSOLVED (UG/L)	72559
34654	P,P'-DDE, SUSPENDED (UG/L)	72559
34655	P,P'-DDT, DISSOLVED (UG/L)	50293
34656	P,P'-DDT, SUSPENDED (UG/L)	50293
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL), TOTAL (UG/L)	534521
34658	DNOC (4,6-DINITRO-ORTHO-CRESOL), DISSOLVED (UG/L)	534521
34659	DNOC (4,6-DINITRO-ORTHO-CRESOL), SUSPENDED (UG/L)	534521
34662	PCB - 1221, DISSOLVED (UG/L)	11104282
34663	PCB - 1221, SUSPENDED (UG/L)	11104282
34665	PCB - 1232, DISSOLVED (UG/L)	11141165
34666	PCB - 1232, SUSPENDED (UG/L)	11141165
34671	PCB - 1016, TOTAL (UG/L)	12674112
34672	PCB - 1016, DISSOLVED (UG/L)	12674112
34673	PCB - 1016, SUSPENDED (UG/L)	12674112
34675	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD),TOT(UG/L)	1746016
34676	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)DISS(UG/L)	1746016
34677	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)SUSP(UG/L)	1746016
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTAL (UG/L)	108952
34696	NAPHTHALENE, TOTAL (UG/L)	91203
34750	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)TOT(PG/L)	1746016

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34751	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)DISS(PG/L)	1746016
34752	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)SUSP(PG/L)	1746016
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE (UG/L)	87865
39039	HEXACHLOROBENZENE WATER SAMPLE,ELECTRON CPT (UG/L)	118741
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER (UG/L)	117817
39103	BIS(2-ETHYLHEXYL) PHTHALATE, DISSOLVED, (UG/L)	117817
39104	BIS(2-ETHYLHEXYL) PHTHALATE, SUSPENDED, (UG/L)	117817
39107	PHTHALATES,DIETHYLHEXYL SUS.FRAC.WTR DWT (MG/KG)	117817
39110	DI-N-BUTYL PHTHALATE, WHOLE WATER (UG/L)	84742
39114	DI-N-BUTYL PHTHALATE, SUSPENDED (UG/L)	84742
39115	PHTHALATES,DIBUTYL SUS.FRAC.WATER DWT (UG/KG)	84742
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	92875
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE (UG/L)	75014
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE (UG/L)	79016
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	50293
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	72548
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	72559
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	309002
39331	ALDRIN IN FILT. FRAC. OF WAT. SAMP. (UG/L)	309002
39332	ALDRIN IN SUSP. FRAC. OF WAT. SAMP. (UG/L)	309002
39336	BHC-ALPHA, WATER, WHOLE (LBS/DAY)	319846
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	319846
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	319857
39340	GAMMA-BHC(LINDANE), WHOLE WATER (UG/L)	58899
39341	GAMMA-BHC(LINDANE), DISSOLVED (UG/L)	58899
39342	GAMMA-BHC(LINDANE), SUSPENDED (UG/L)	58899
39344	BHC-GAMMA, WATER, WHOLE (LBS/DAY)	58899
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER (UG/L)	57749

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
39352	CHLORDANE(TECH MIX & METABS), DISSOLVED (UG/L)	57749
39353	CHLORDANE(TECH MIX & METABS), SUSPENDED (UG/L)	57749
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	72548
39361	DDD IN FILT. FRAC. OF WATER SMAPLE (UG/L)	72548
39362	DDD IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72548
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	72559
39366	DDE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	72559
39367	DDE IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72559
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	50293
39371	DDT IN FILT. FRAC. OF WATER SAMPLE (UG/L)	50293
39372	DDT IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	50293
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	60571
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	60571
39382	DIELDRIN IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	60571
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	72208
39391	ENDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	72208
39392	ENDRIN IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72208
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	8001352
39401	TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	8001352
39402	TOXAPHENE IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	8001352
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	76448
39411	HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE (UG/L)	76448
39412	HEPTACHLOR IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	76448
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	1024573
39421	HEPTACHLOR EPOXIDE IN FILT. FRAC. WAT. SAM. (UG/L)	1024573
39422	HEPTACHLOR EPOXIDE IN SUSP. FRAC. WAT. SAM. (UG/L)	1024573
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE (UG/L)	11104282
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11141165

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE (UG/L)	53469219
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE (UG/L)	12672296
39501	PCB - 1248 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	12672296
39502	PCB - 1248 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	12672296
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11097691
39505	PCB - 1254 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	11097691
39506	PCB - 1254 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	11097691
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11096825
39509	PCB - 1260 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	11096825
39510	PCB - 1260 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	11096825
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	118741
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE (UG/L)	87683
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	58899
39920	DNOC IN WHOLE WATER SAMPLE (UG/L)	534521
46322	LINDANE PLUS ISOMERS IN WHOLE WATER SAMPLE (UG/L)	58899
46323	DELTA-BHC IN WHOLE WATER SAMPLE (UG/L)	319868
46326	HEPTACHLOR AND METABOLITES IN WH. H2O SAMP. (UG/L)	76448
46479	CYANIDE, DISSOLVED, WATER (UG/L)	57125
46551	ARSENIC, FIELD ACIDIFIED W/HNO3, LAB FILT. (UG/L)	7440382
46559	CADMIUM, FIELD ACIDIFIED-HNO3-LAB FILTER (UG/L-CD)	7440439
46560	CHROMIUM, FIELD ACIDIFIED-HNO3-LAB FILT. (UG/L-CR)	7440473
46562	COPPER, FIELD ACIDIFIED-HNO3-LAB FILTER. (UG/L-CU)	7440508
46564	LEAD, FIELD ACIDIFIED-HNO3-LAB FILTERED (UG/L-PB)	7439921
46566	SILVER, FIELD ACIDIFIED-HNO3-LAB FILTER.(UG/L-AG)	7440224
46567	ZINC, EXTRACT. FIELD ACID W/HNO3, LAB FILT. (UG/L)	7440666
70012	PARACHLOROMETA CRESOL, WATER, WHOLE (LBS/DAY)	59507
70017	HEXACHLOROCYCLOPENTADIENE, WATER, WHOLE (LBS/DAY)	77474
70021	LEAD, (TCLP), WATER, TOTAL (MG/L)	7439921

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
71890	MERCURY, DISSOLVED (UG/L AS HG)	7439976
71895	MERCURY, SUSPENDED (UG/L AS HG)	7439976
71900	MERCURY, TOTAL (UG/L AS HG)	7439976
71901	MERCURY, TOTAL RECOVERABLE IN WATER AS HG (UG/L)	7439976
71946	CADMIUM, EXTRACTABLE (UG/L AS CD)	7440439
71947	CHROMIUM, EXTRACTABLE (UG/L AS CR)	7440473
71949	LEAD, EXTRACTABLE (UG/L AS PB)	7439921
71950	ZINC, EXTRACTABLE (UG/L AS ZN)	7440666
71951	COPPER, EXTRACTABLE (UG/L AS CU)	7440508
73063	CHLOROQUAIACOL,4-, TOTAL, WATER (UG/L)	16766306
73522	PROPANE, 2,2'-OXYBIS(1-CHLORO)- TOTAL (UG/L)	108601
77163	1,3-DICHLOROPROPENE-1, WHOLE WATER (UG/L)	542756
77354	1,1-DICHLORO-2,2-DIFLUOROETHANE WHOLE WATER (UG/L)	471432
77771	3-CHLORO-4-HYDROXYBENZOPHENONE, WHOLE WATER (UG/L)	55191203
78113	ETHYL BENZENE WHOLE WATER SAMPLE (UG/L)	100414
78124	BENZENE IN WATER (VOLATILE ANALYSIS) (UG/L)	71432
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) (UG/L)	108883
78208	2,4-DINITRO-O-CRESOL IN WHOLE WATER SAMPLE (UG/L)	534521
78247	CHROMIUM, HEXAVALENT, TOTAL RECOVERABLE, WT (UG/L)	18540299
78248	CYANIDE, TOTAL RECOVERABLE, WATER, WHOLE (UG/L)	57125
80357	CHROMIUM, TRIVALENT, DISSOLVED, AS CR	16065831
81208	CYANIDE, FREE (NOT AMEN. TO CHLORINATION) (MG/L)	57125
81210	CYANIDE - STATE OF ILLINOIS (MG/L)	57125
81214	CADMIUM - STATE OF ILLINOIS (MG/L)-COLD	7440439
81215	CHROMIUM - STATE OF ILLINOIS (MG/L), COLD DIGEST	18540299
81216	CHROMIUM(TRI)-STATE OF ILLINOIS (MG/L)-COLD DIGEST	16065831
81217	CHROMIUM, TOTAL - STATE OF ILLINOIS (MG/L) COLD DIGEST	7440473
81218	COPPER, STATE OF ILLINOIS, MG/L, COLD DIGEST	7440508

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
81220	LEAD, STATE OF ILLINOIS, MG/L, COLD DIGEST	7439921
81222	NICKEL - STATE OF ILLINOIS, MG/L, COLD DIGEST	7440020
81223	SILVER, STATE OF ILLINOIS, MG/L, COLD DIGEST	7440224
81224	ZINC - STATE OF ILLINOIS, MG/L, COLD DIGEST	7440666
81642	SILVER (AG) IN WATER POUNDS PER DAY (LBS/DAY)	7440224
81750	COPPER, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440508
81751	LEAD, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7439921
81752	NICKEL, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440020
81753	CADMIUM, INTERSTITIAL WATER FROM SEDIMENT	7440439
81754	ZINC, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440666
81766	HEPTACHLOR EPOXIDE IN EPILITHIC ALGAE SED. (UG/KG)	1024573
81931	MERCURY (HG) SUSPENDED FRACTION OF WATER (UG/G)	7439976
81932	CADMIUM (CD) SUSPENDED FRACTION OF WATER (UG/G)	7440439
81933	ZINC (ZN) SUSPENDED FRACTION OF WATER (UG/G)	7440666
81934	LEAD (PB) SUSPENDED FRACTION OF WATER (UG/G)	7439921
81936	LEAD (PB) DISSOLVED CATIONIC SPECIES (UG/L)	7439921
81937	CADMIUM (CD) DISSOLVED CATIONIC SPECIES (UG/L)	7440439
81938	CHROMIUM, DISSOLVED CATIONIC SPECIES (UG/L)	7440473
81939	COPPER (CU) DISSOLVED CATIONIC SPECIES (UG/L)	7440508
81940	ZINC (ZN) DISSOLVED CATIONIC SPECIES (UG/L)	7440666
81941	CHROMIUM, DISSOLVED ANIONIC SPECIES (UG/L)	7440473
81942	COPPER (CU) DISSOLVED ANIONIC SPECIES (UG/L)	7440508
81943	ZINC (ZN) DISSOLVED ANIONIC SPECIES (UG/L)	7440666
82058	CHROMIUM, TOTAL, PERCENT REMOVAL	7440473
82399	CHROMIUM, HEXAVALENT (KG/BATCH)	18540299
82512	M,P-DICHLOROBENZENE (MEASURES 1,3&1,4) TOT. (UG/L)	541731
82573	CYANIDE/CHLORINATION IN WATER (MG/L)	57125
82621	HEXACHLOROBENZENE, WATER, TOTAL RECOVER. (UG/L)	118741

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
82622	ENDRIN ALDEHYDE, WH. WATER, TOTAL RECOVER. (UG/L)	7421934
82623	ENDOSULFAN SULFATE, WATER, TOTAL RECOVER. (UG/L)	1031078
82624	ENDOSULFAN, BETA, WH. WATER, TOTAL RECOVER. (UG/L)	33213659
82626	1,2-DIPHENYLHYDRAZINE, WATER, TOTAL RECOVER. (UG/L)	122667
82627	PARACHLOROMETA CRESOL, WATER, TOTAL RECOVER. (UG/L)	59507
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440382
82704	BERYLLIUM, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440417
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440439
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440473
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440508
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7439921
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7439976
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440020
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440224
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440666
85006	ZINC, TOTAL - (#/DAY)	7440666
85007	CHROMIUM, TOTAL (#/DAY)	7440473
85010	NICKEL, TOTAL - (#/DAY)	7440020
85013	MERCURY, TOTAL - (#/DAY)	7439976

Appendix H

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